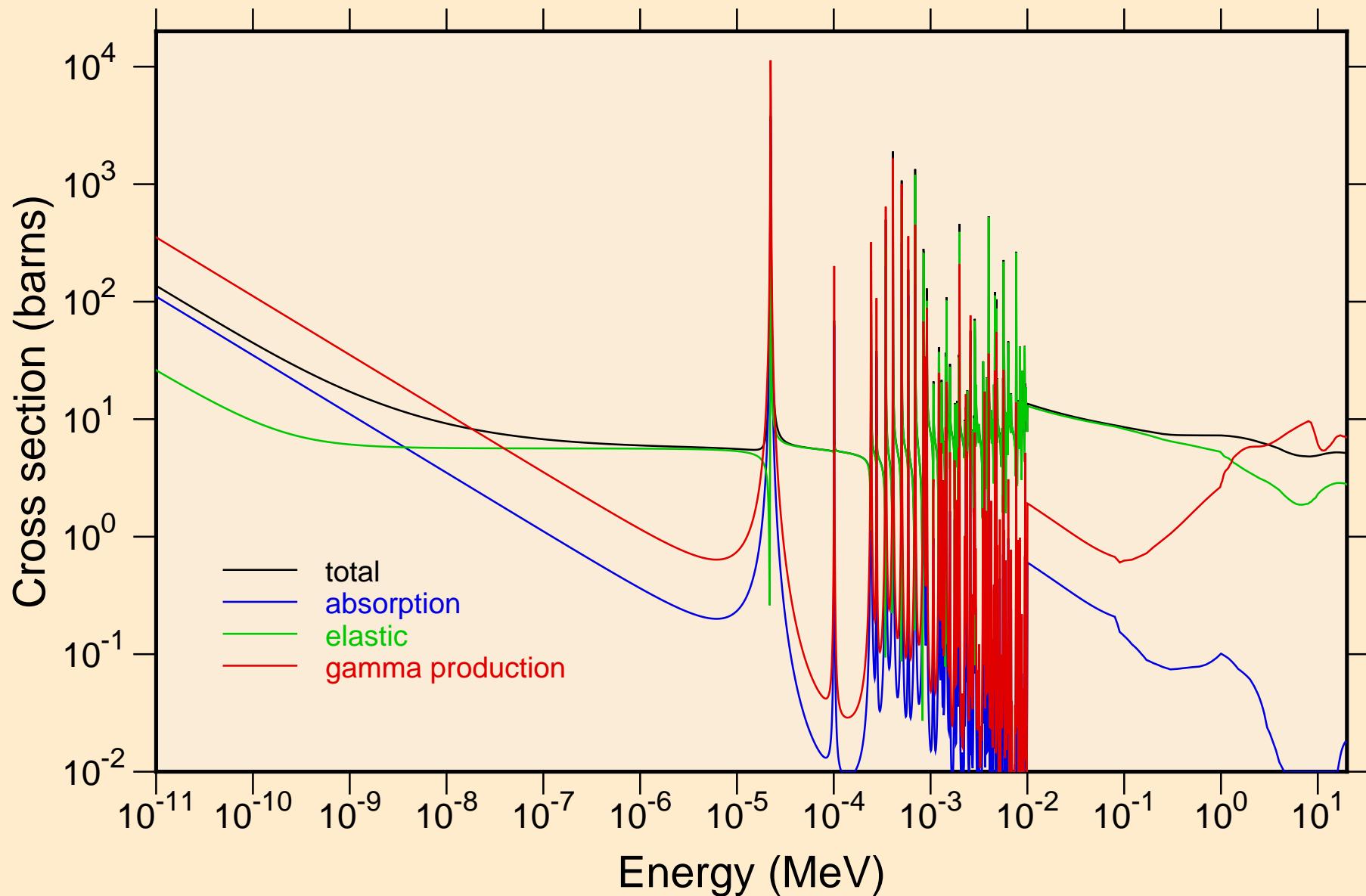
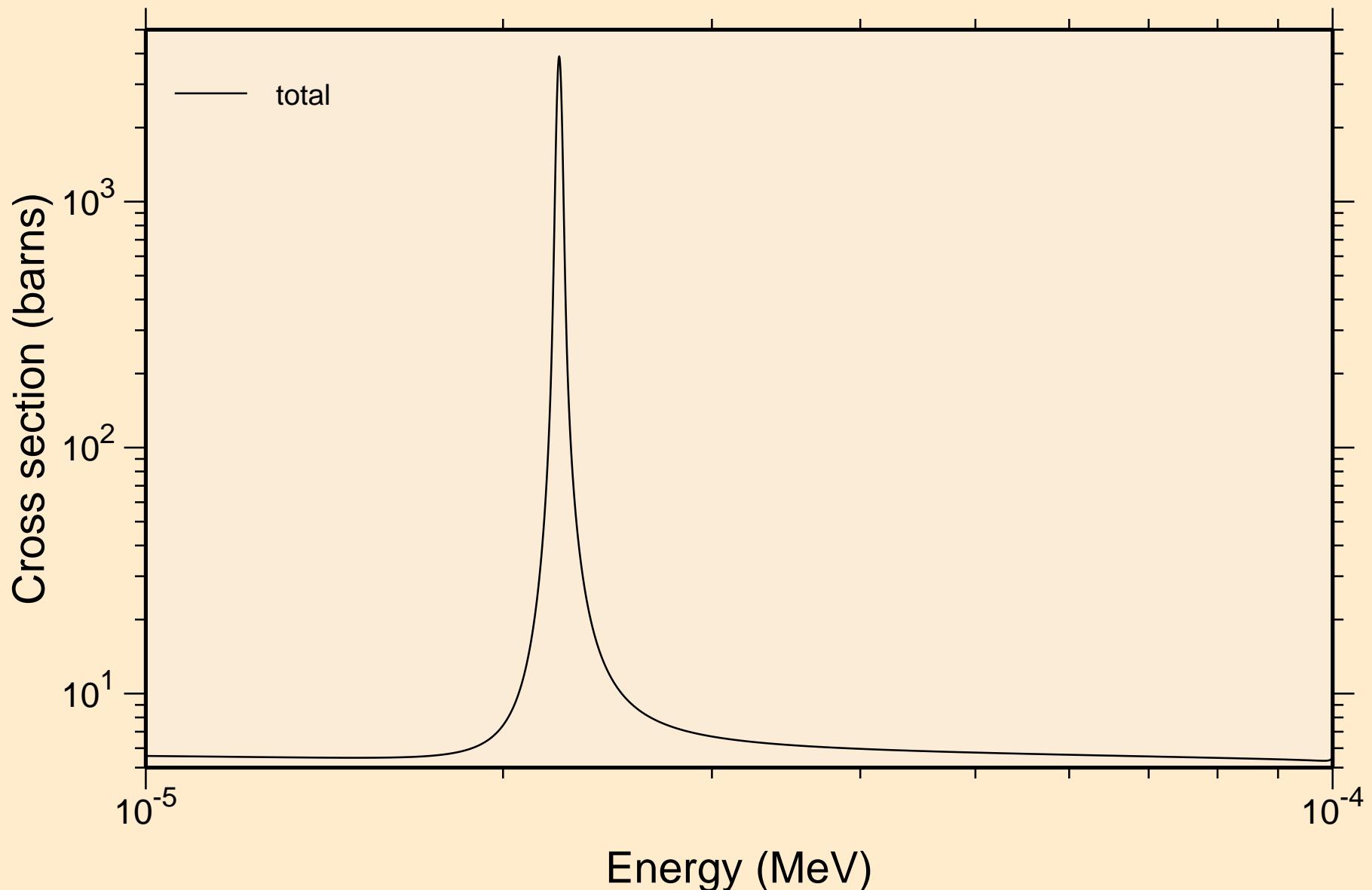


ENDF/B-VII GD-158

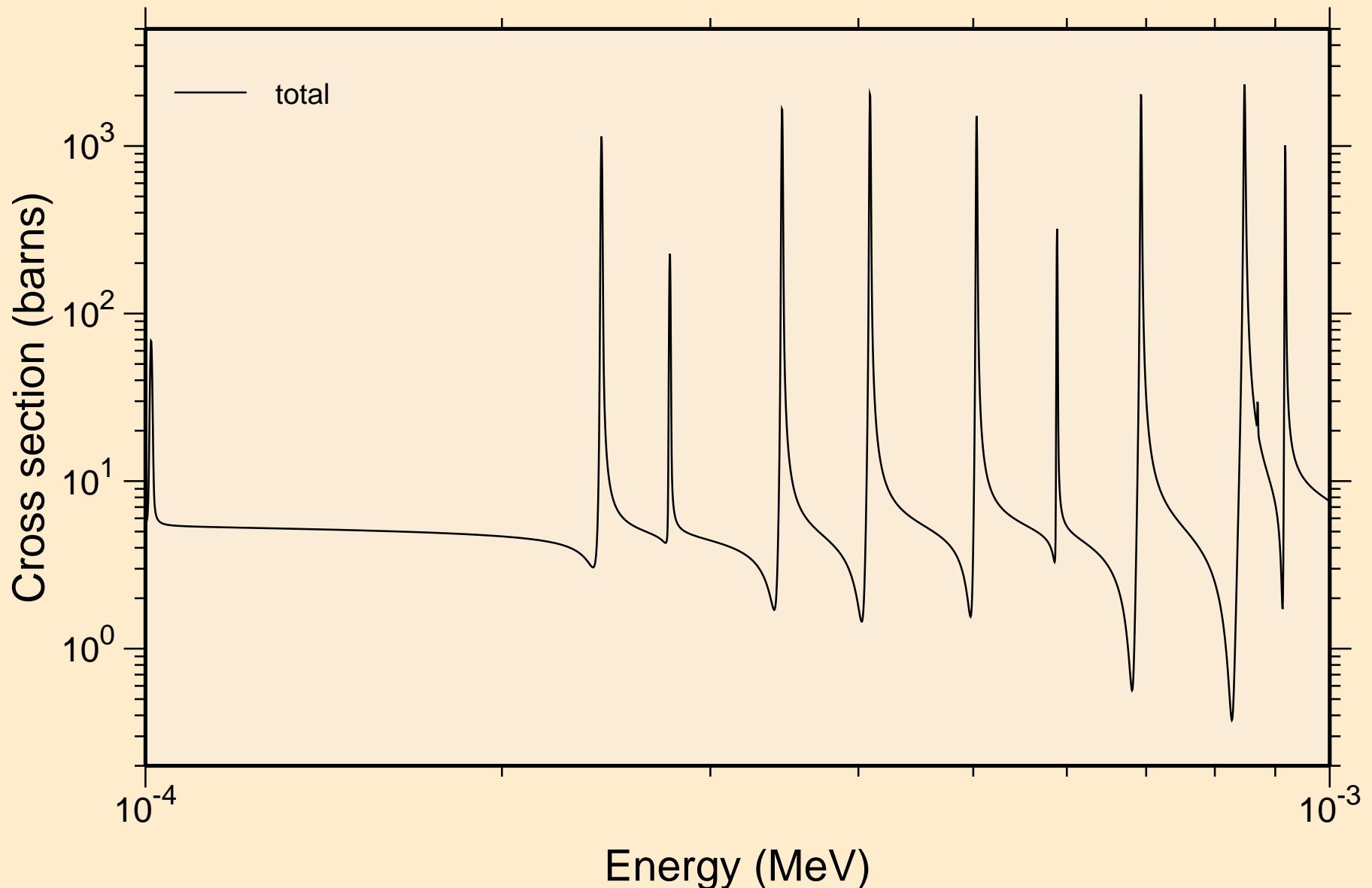
Principal cross sections



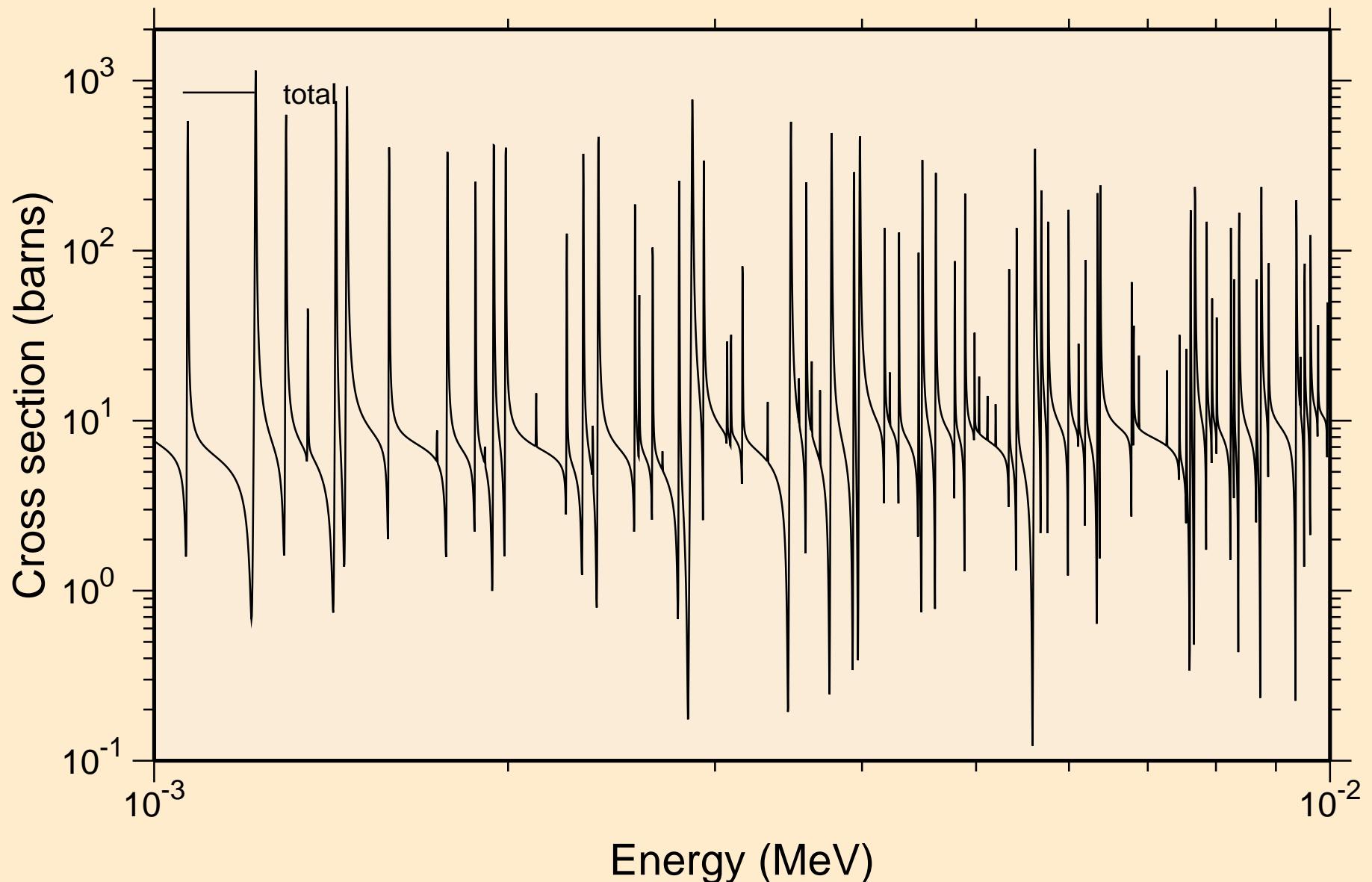
ENDF/B-VII GD-158
resonance total cross section



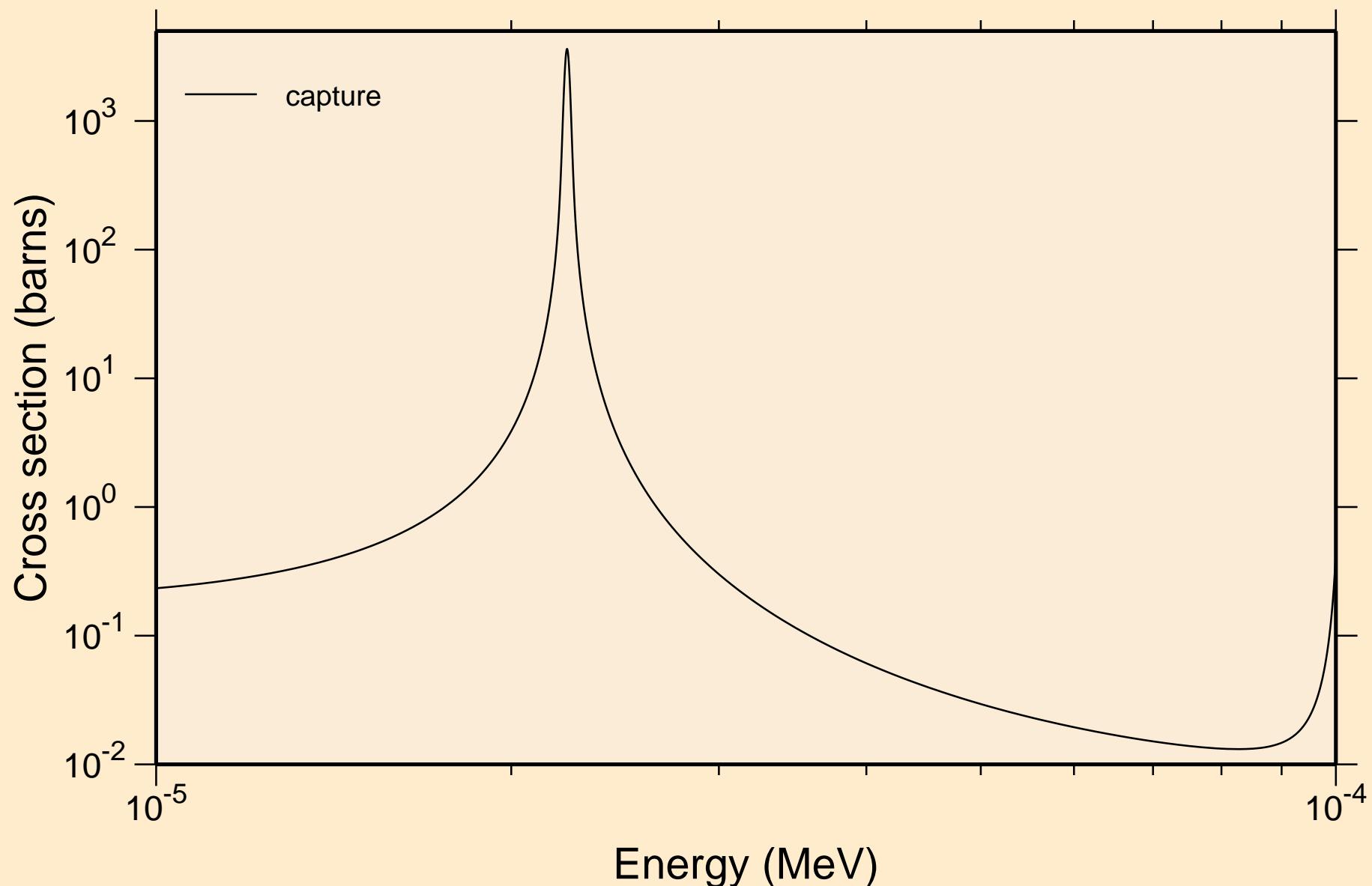
ENDF/B-VII GD-158
resonance total cross section



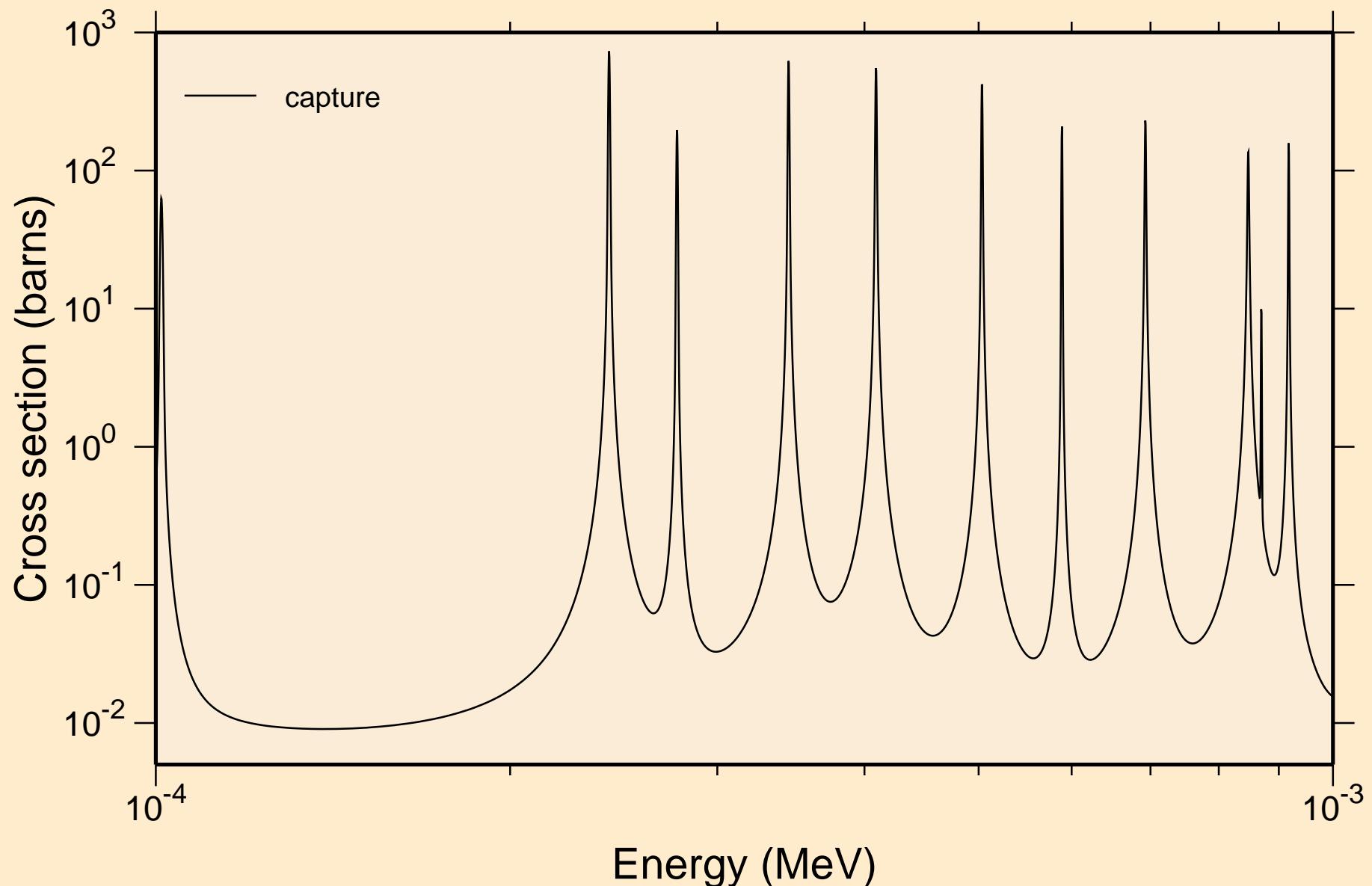
ENDF/B-VII GD-158
resonance total cross section



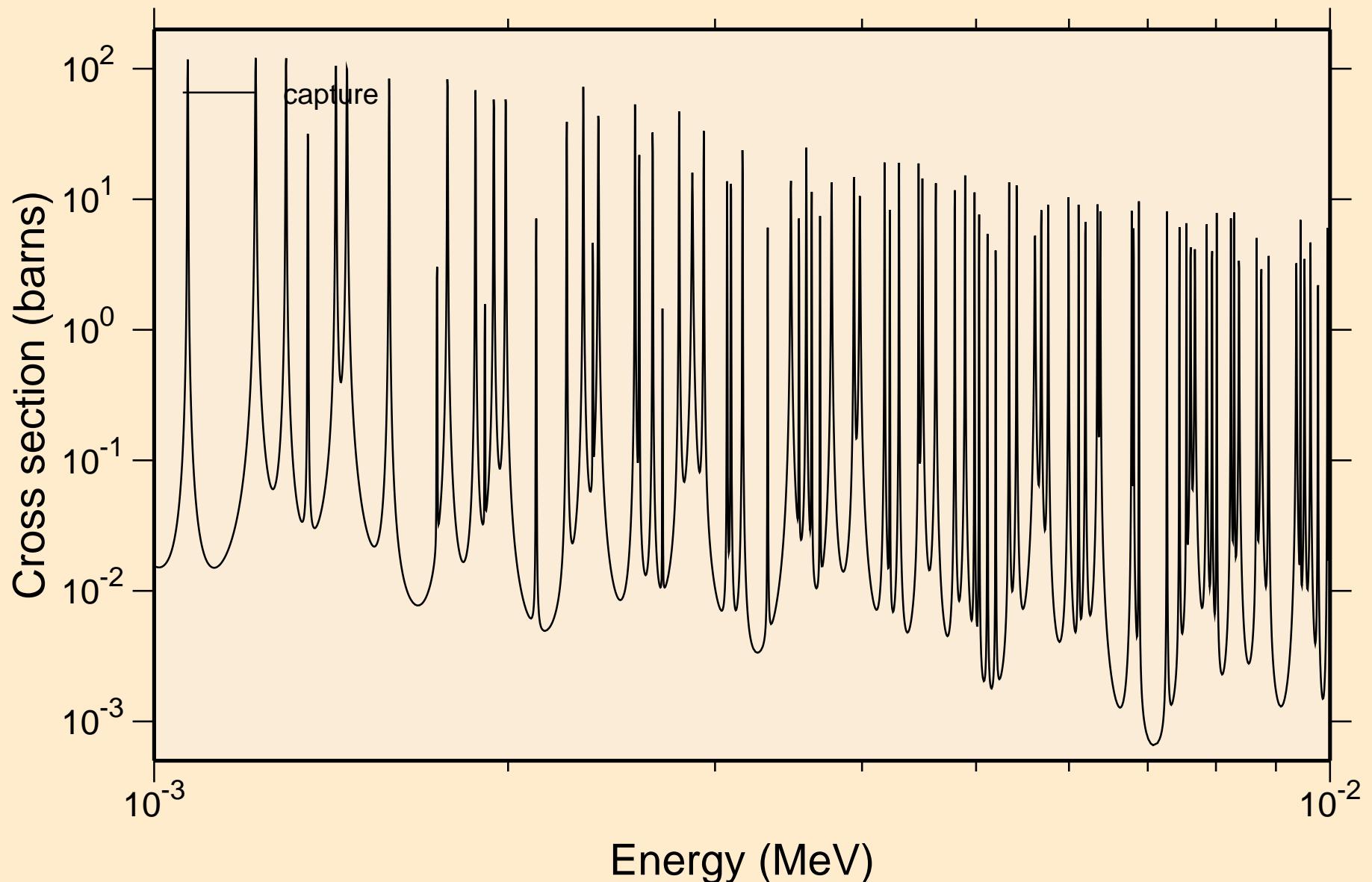
ENDF/B-VII GD-158
resonance absorption cross sections



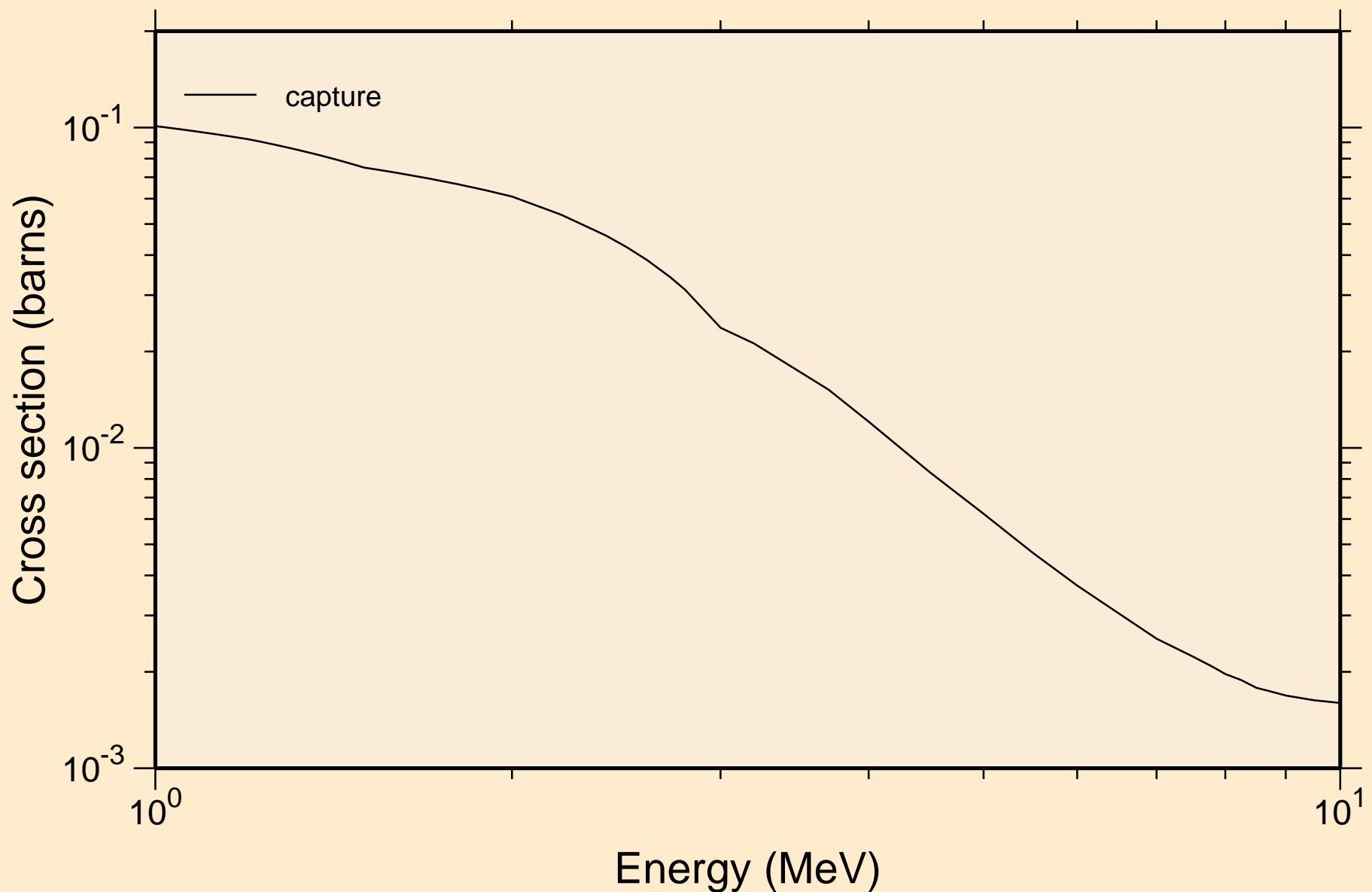
ENDF/B-VII GD-158
resonance absorption cross sections



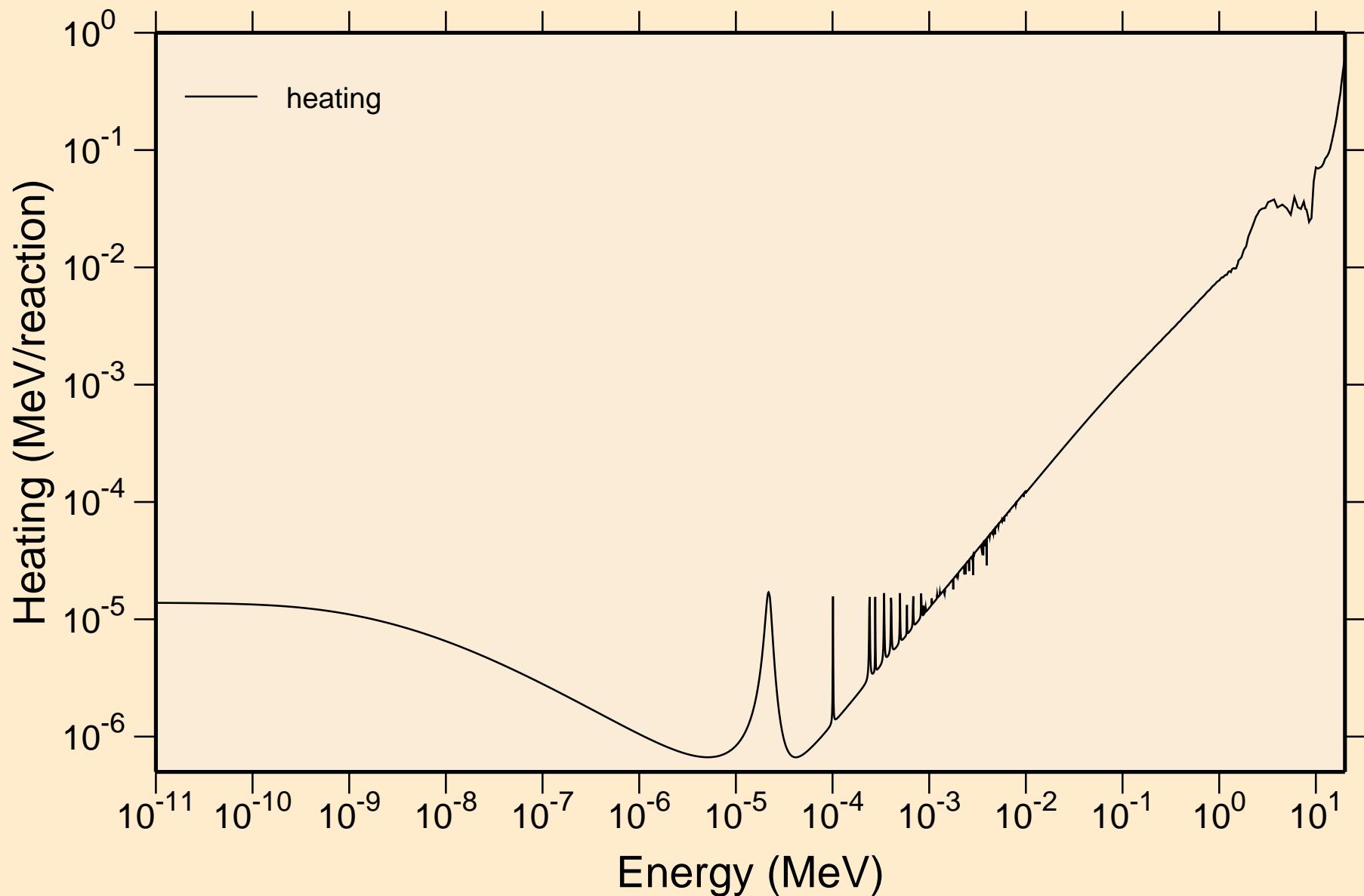
ENDF/B-VII GD-158
resonance absorption cross sections



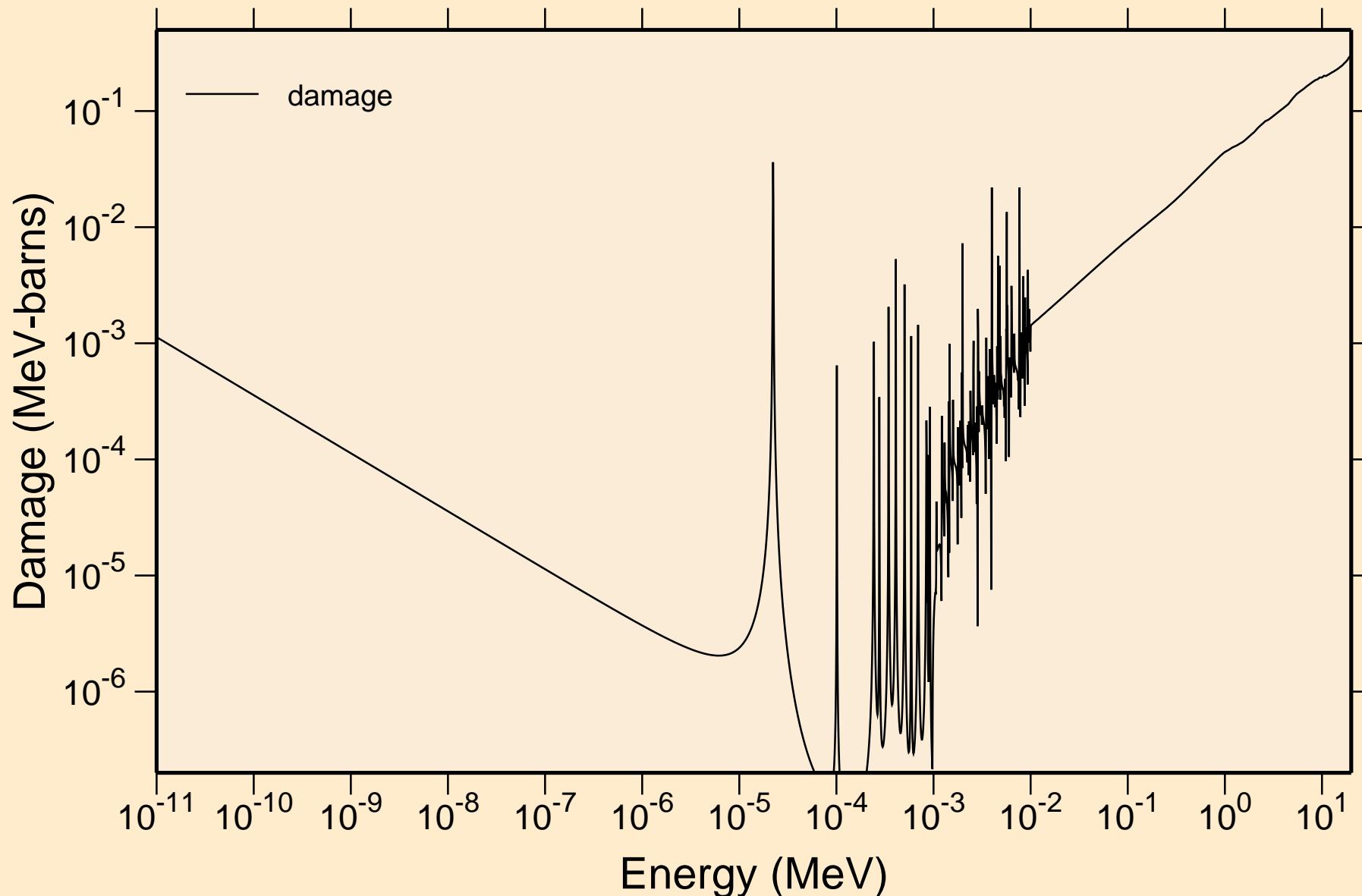
ENDF/B-VII GD-158
resonance absorption cross sections



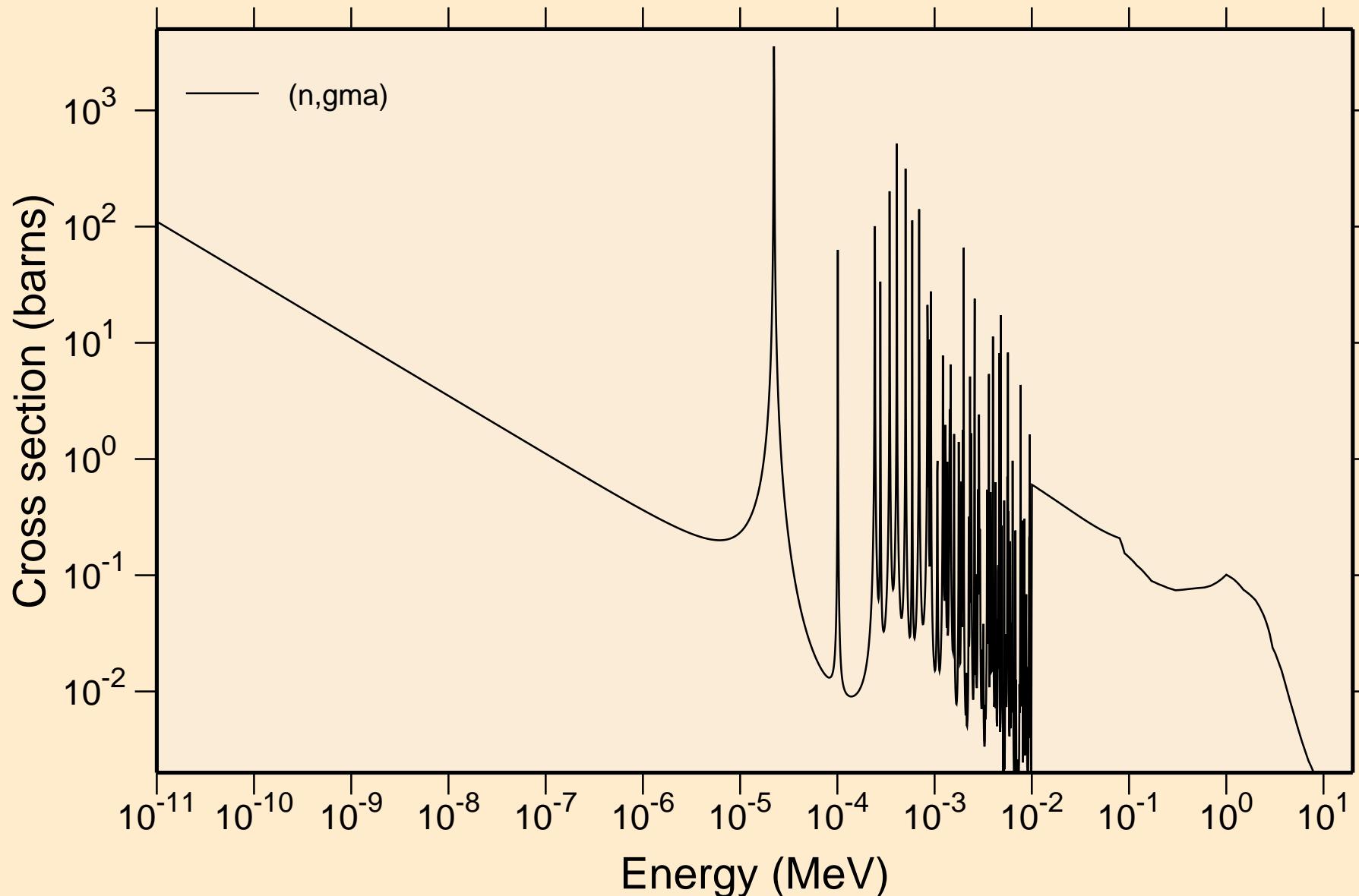
ENDF/B-VII GD-158
Heating



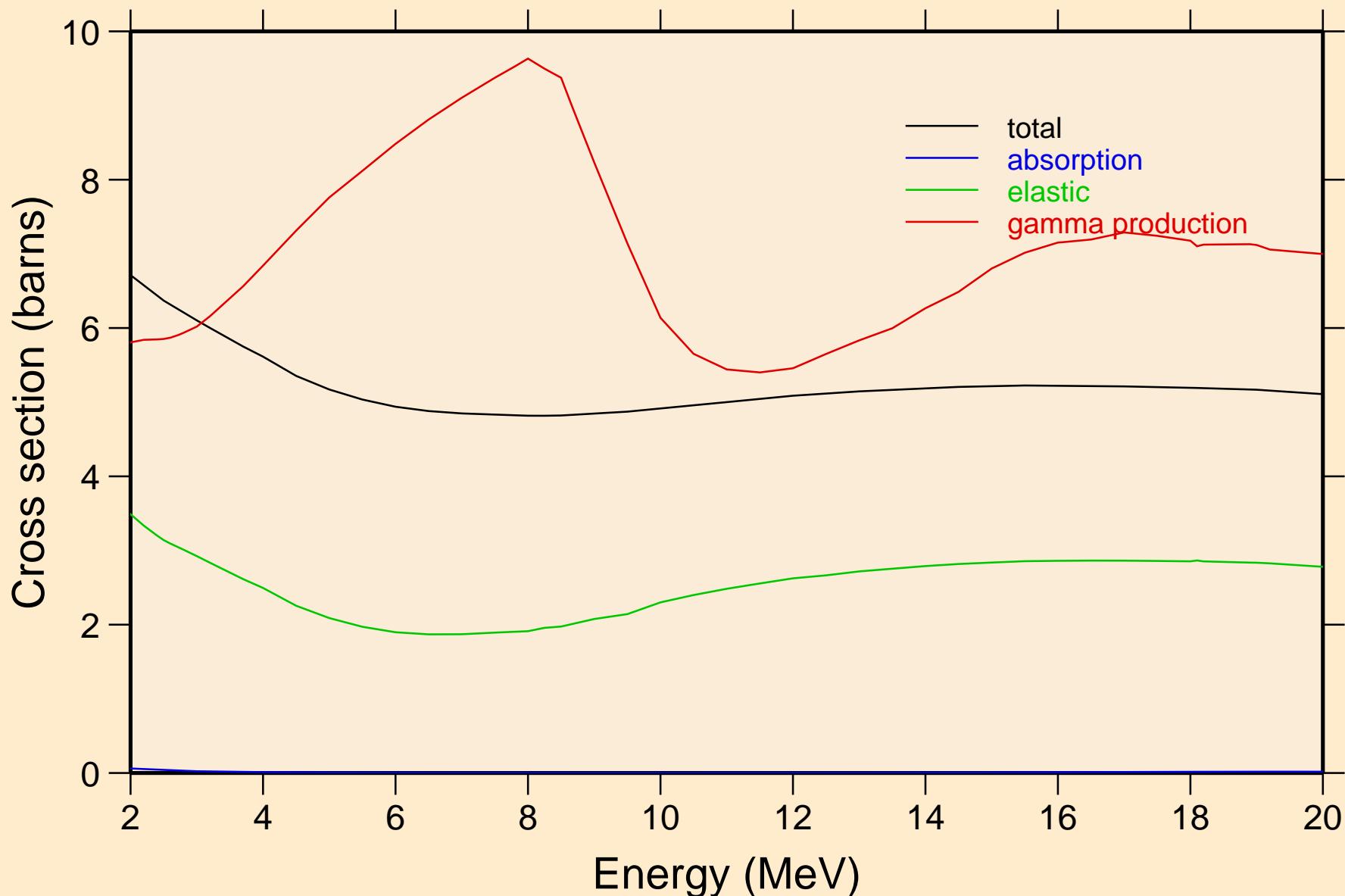
ENDF/B-VII GD-158
Damage



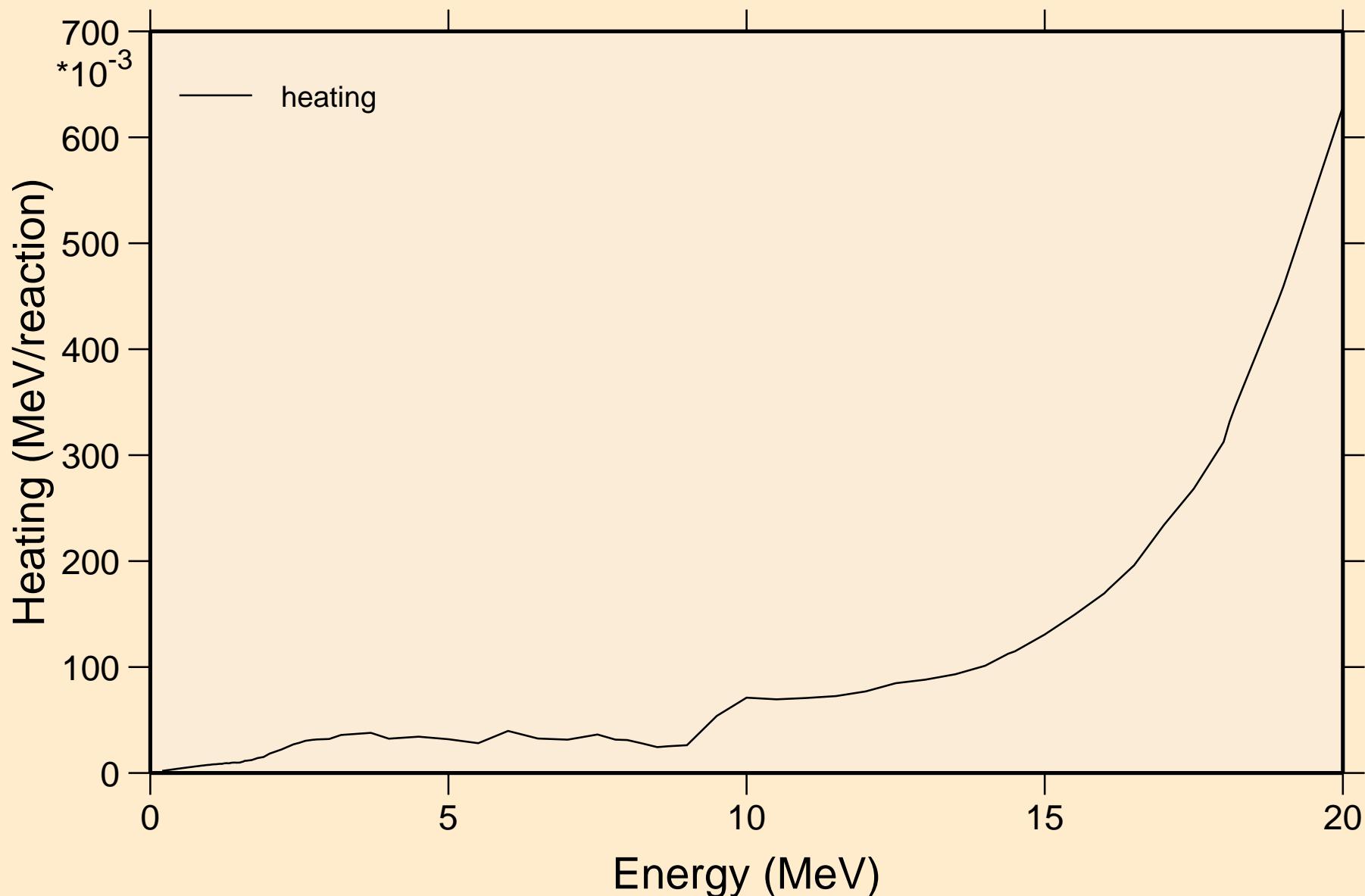
ENDF/B-VII GD-158
Non-threshold reactions



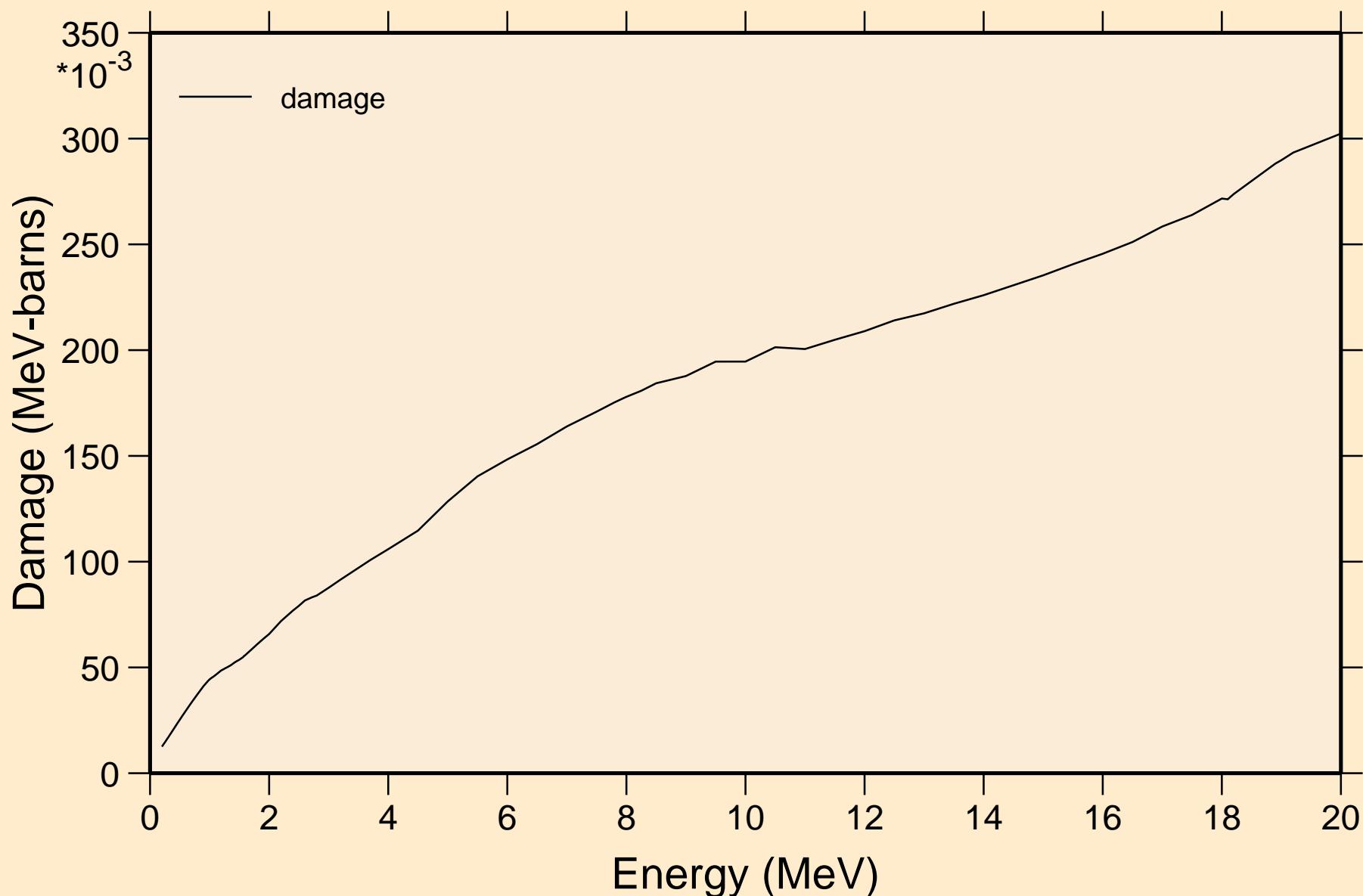
ENDF/B-VII GD-158
Principal cross sections



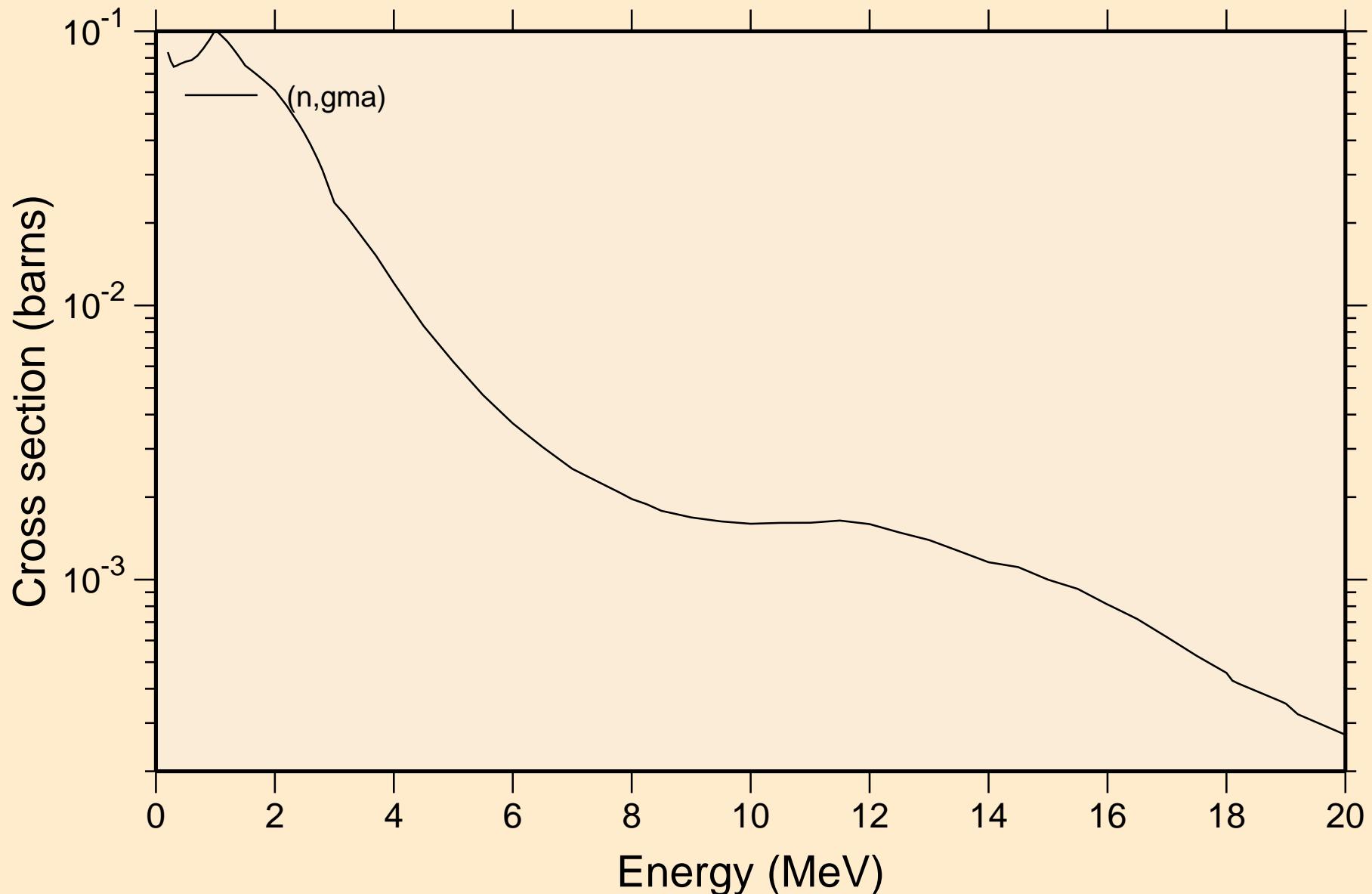
ENDF/B-VII GD-158
Heating



ENDF/B-VII GD-158
Damage

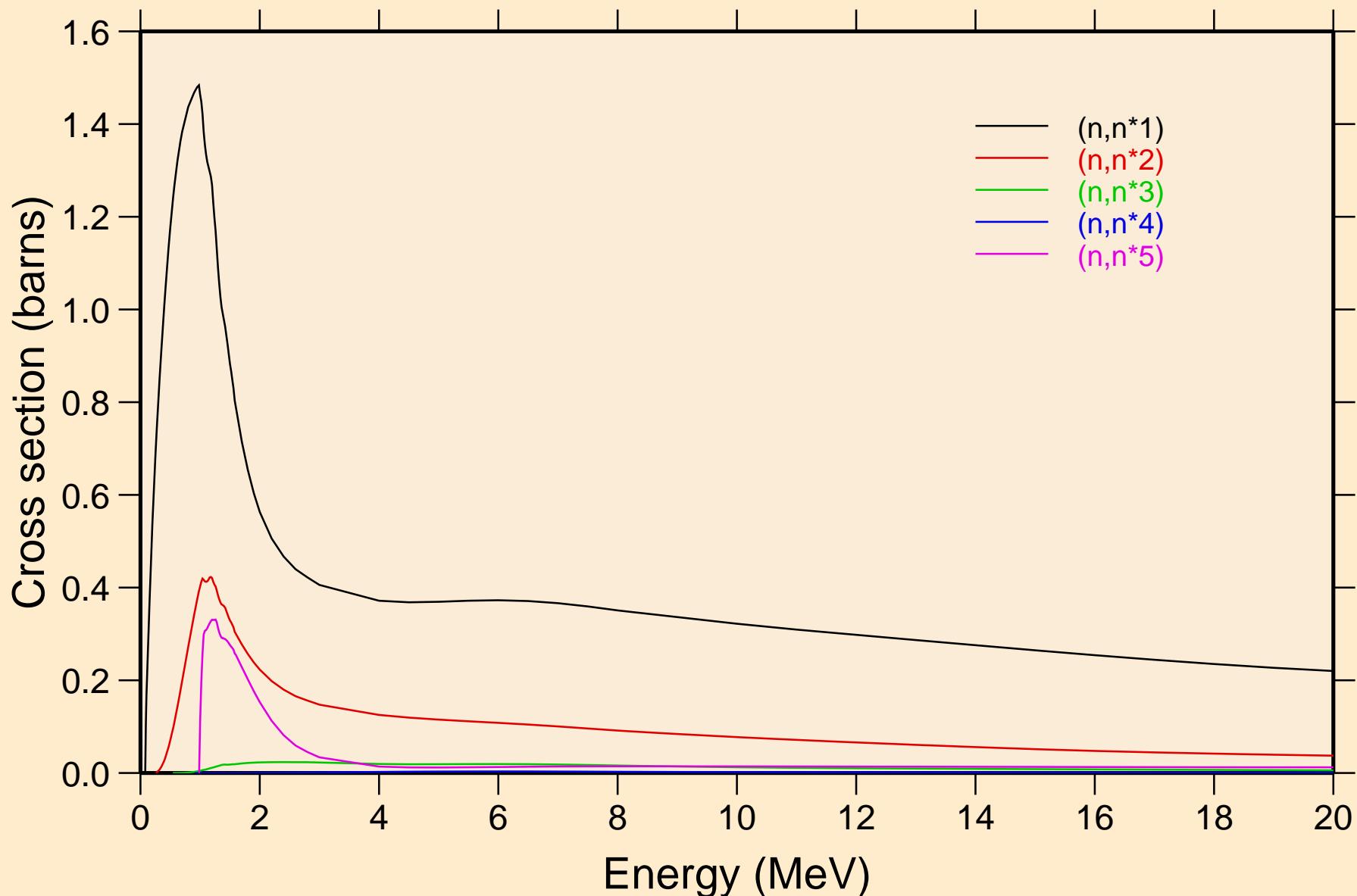


ENDF/B-VII GD-158
Non-threshold reactions

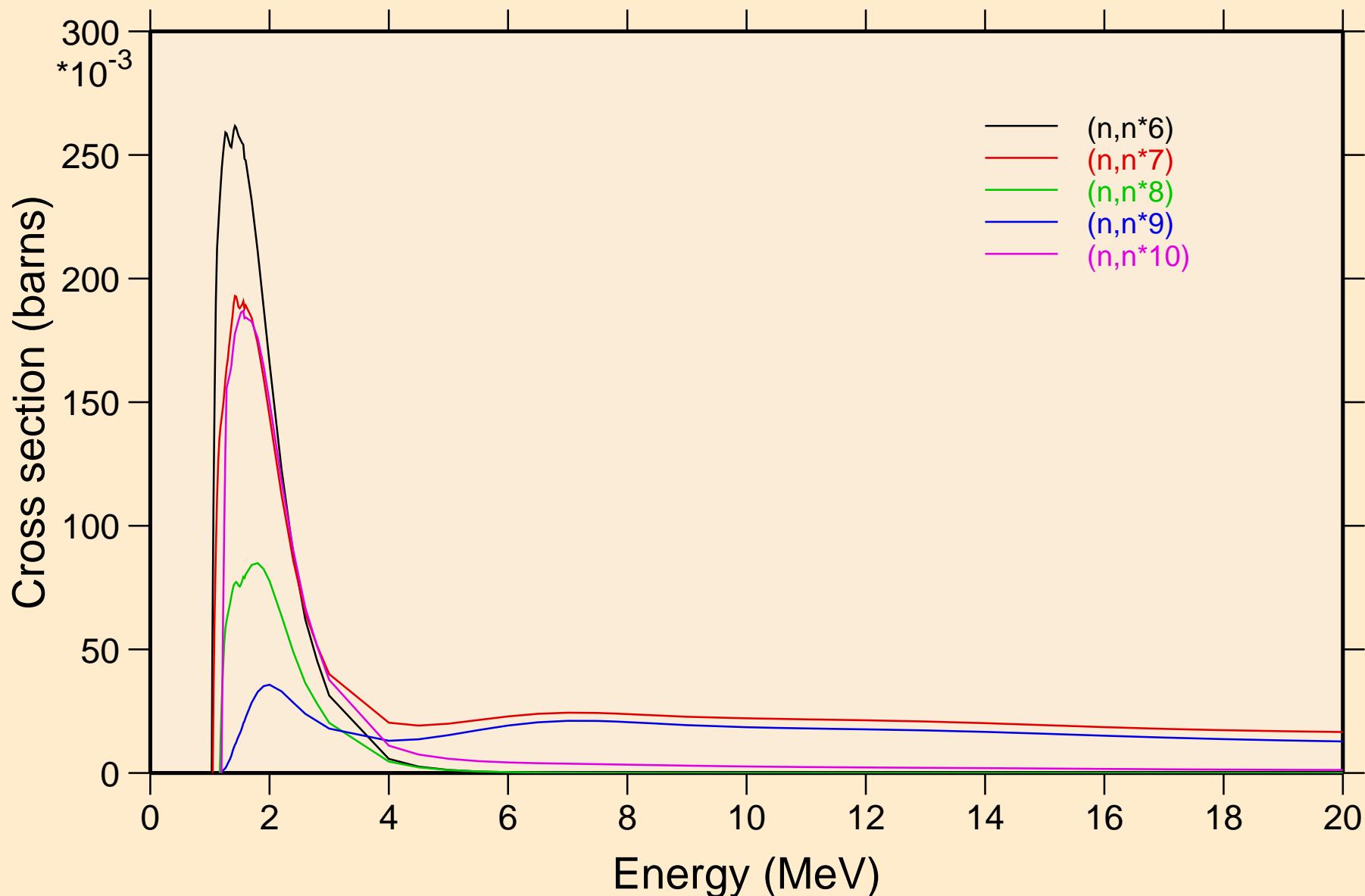


ENDF/B-VII GD-158

Inelastic levels

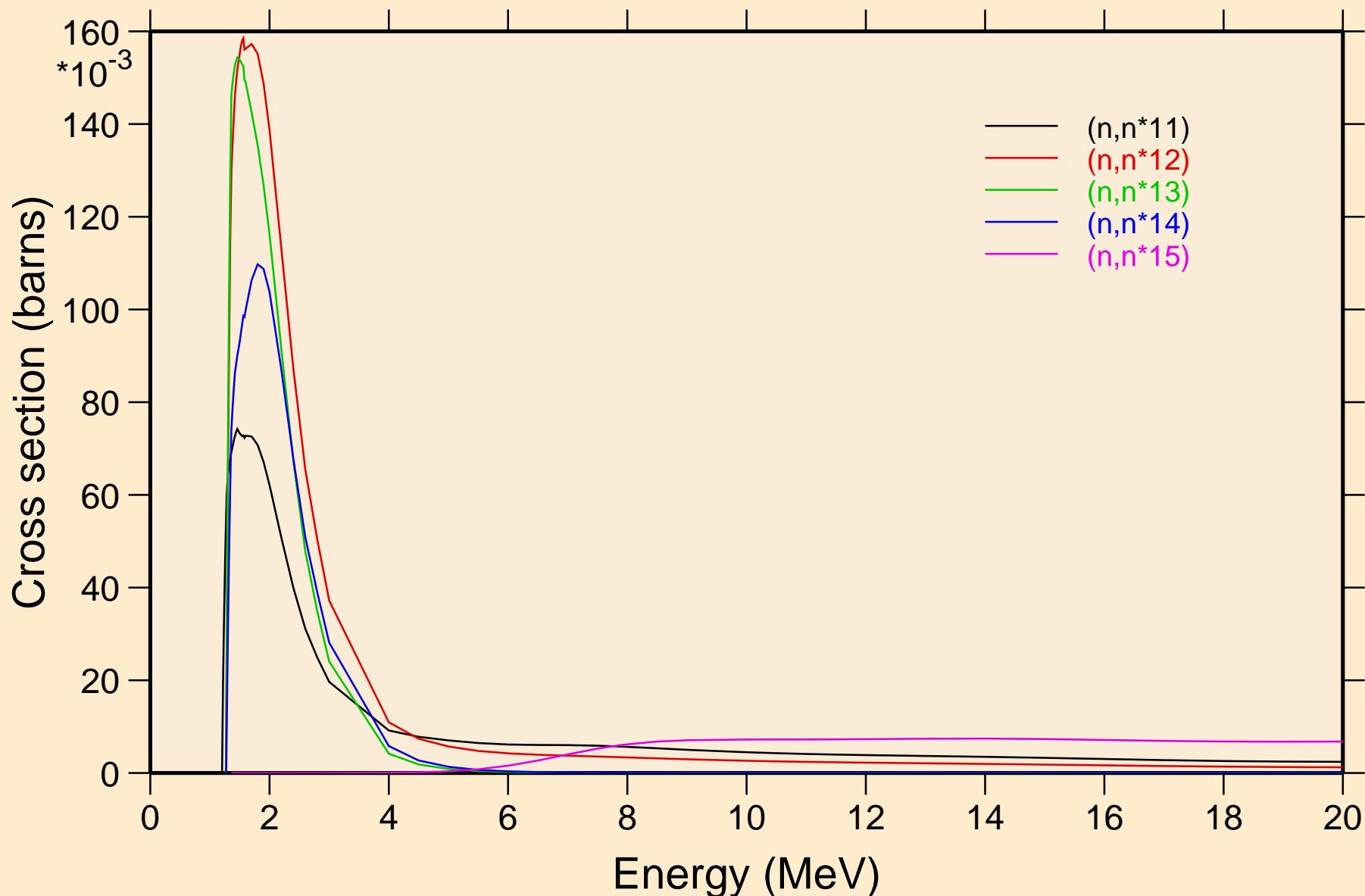


ENDF/B-VII GD-158
Inelastic levels

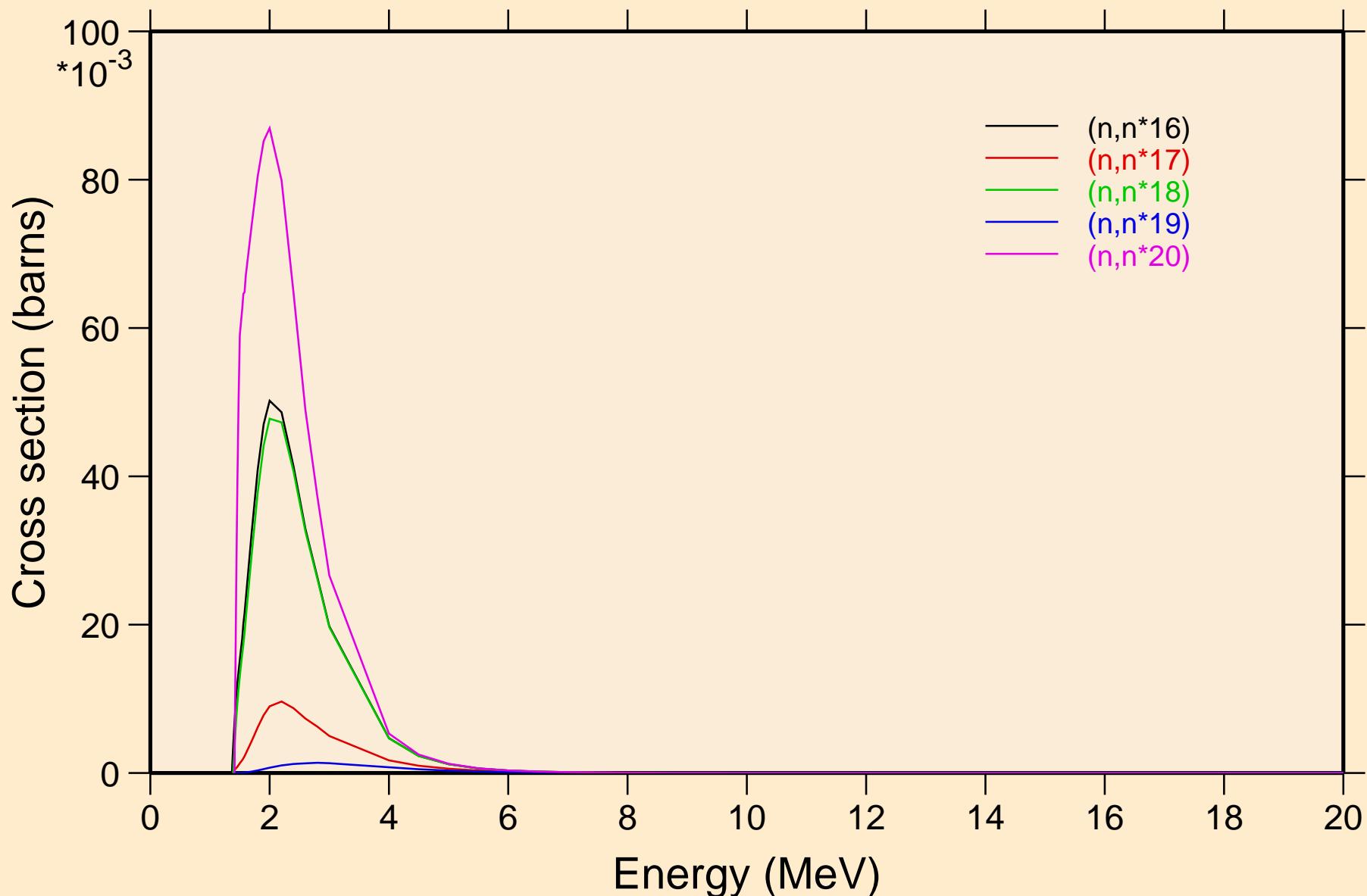


ENDF/B-VII GD-158

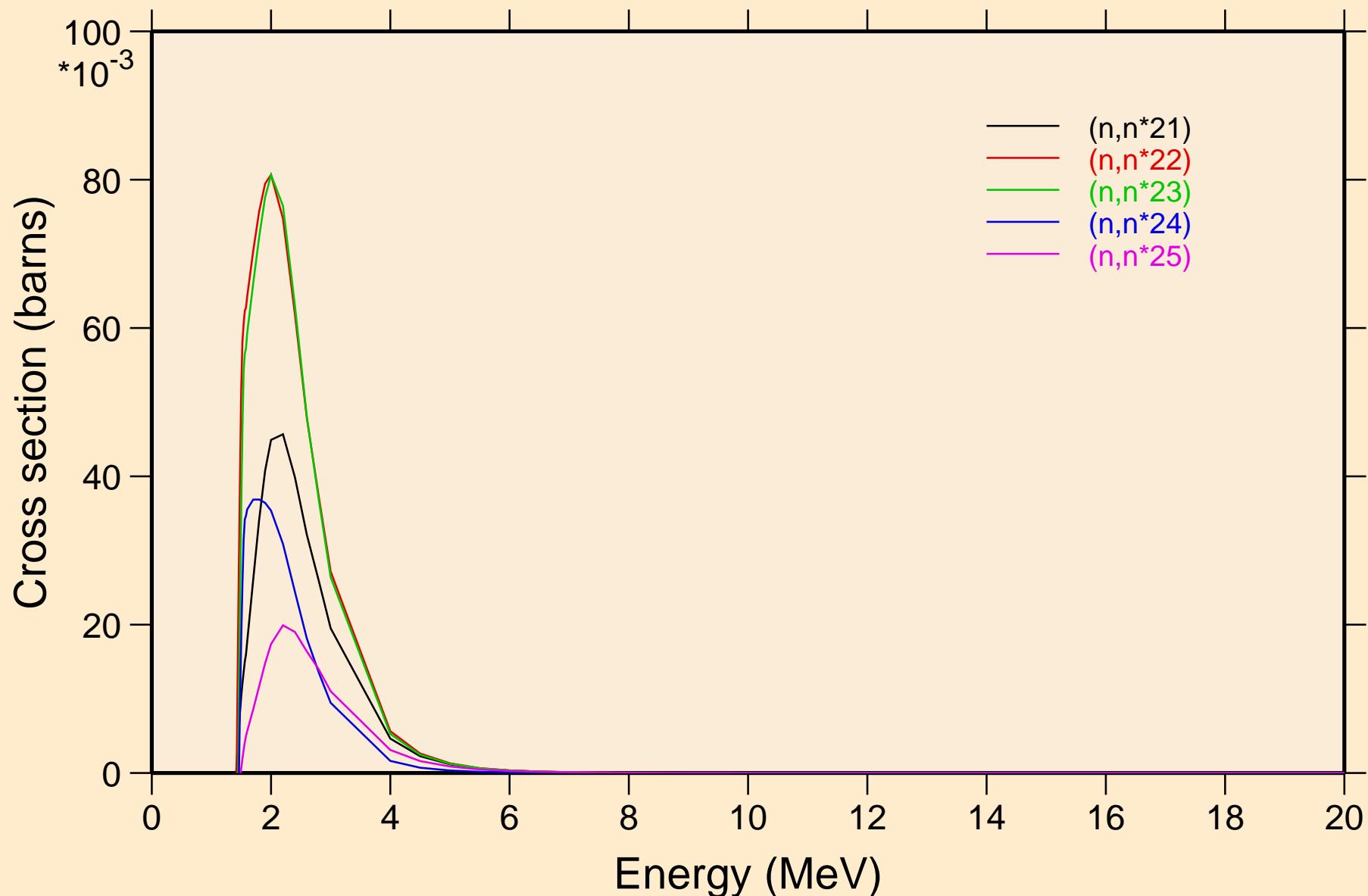
Inelastic levels



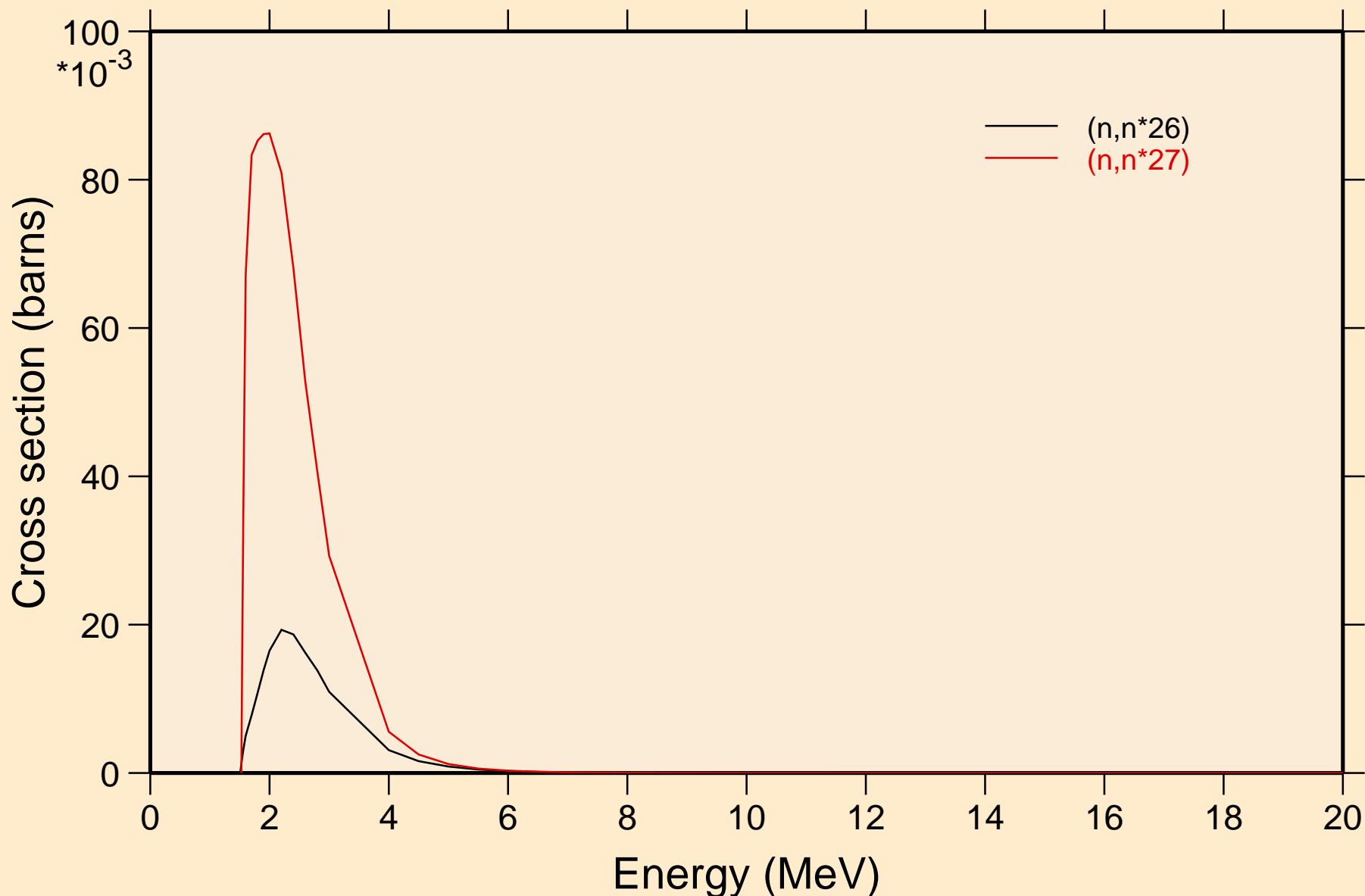
ENDF/B-VII GD-158
Inelastic levels



ENDF/B-VII GD-158
Inelastic levels

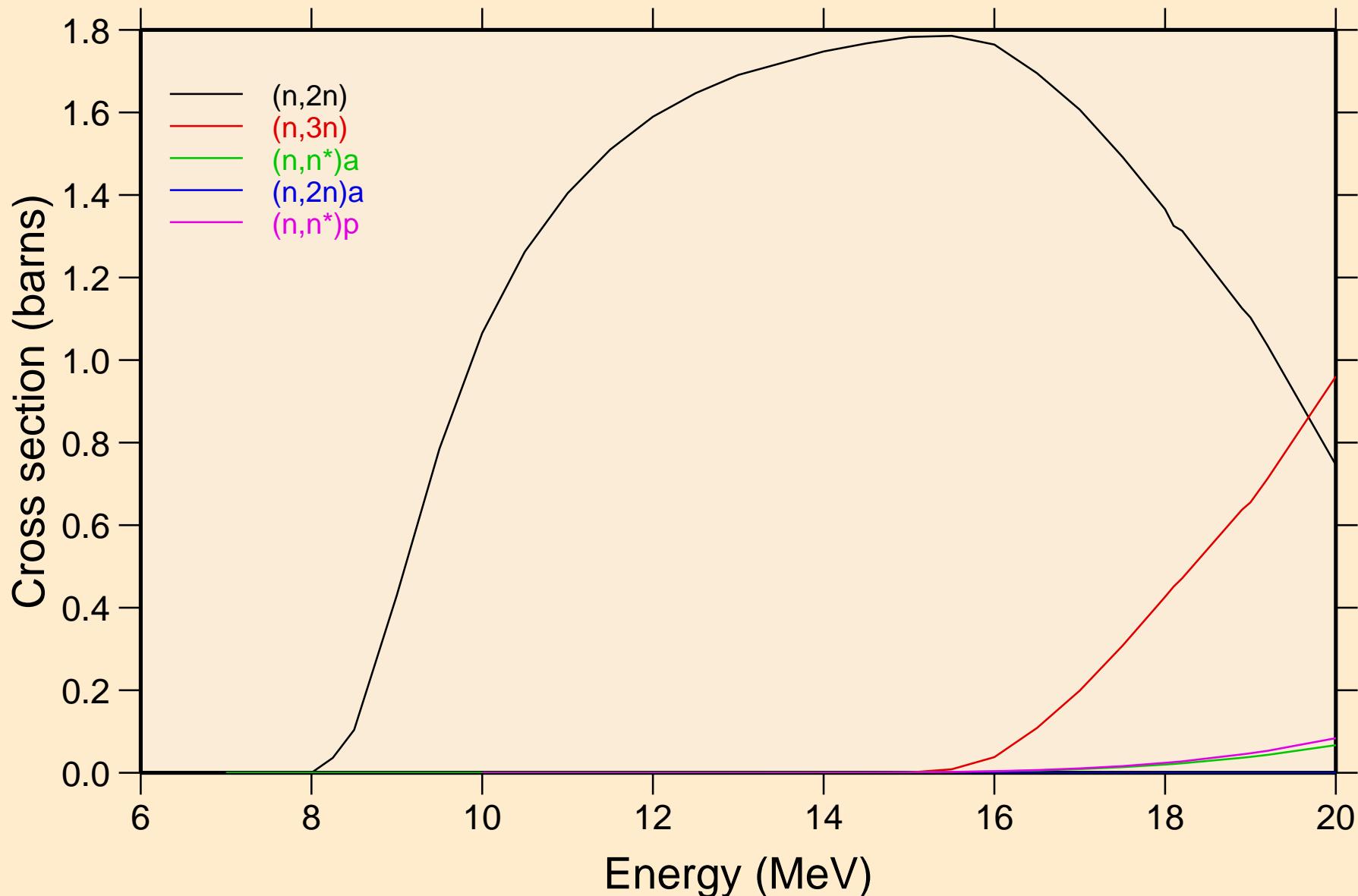


ENDF/B-VII GD-158
Inelastic levels

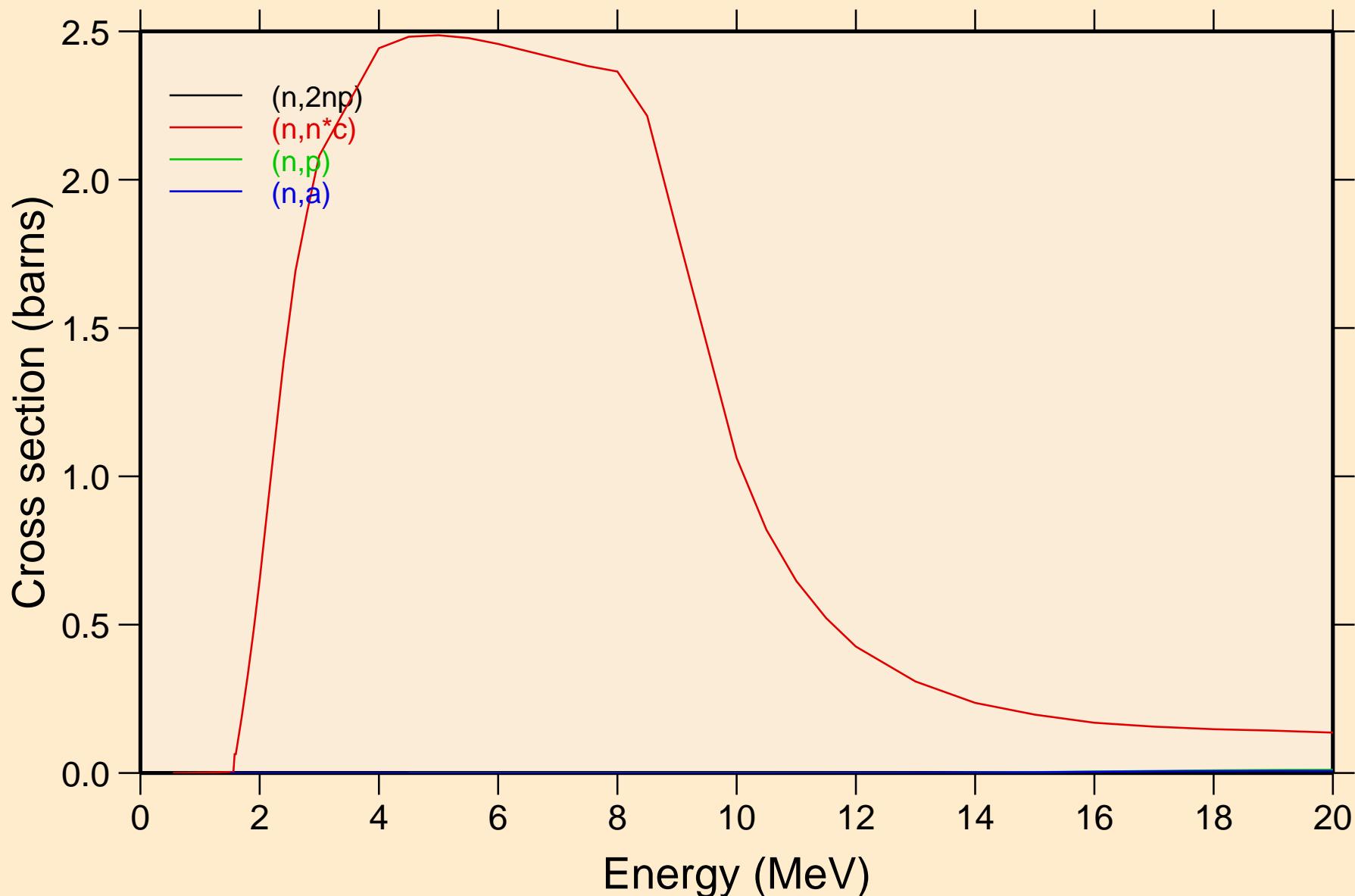


ENDF/B-VII GD-158

Threshold reactions

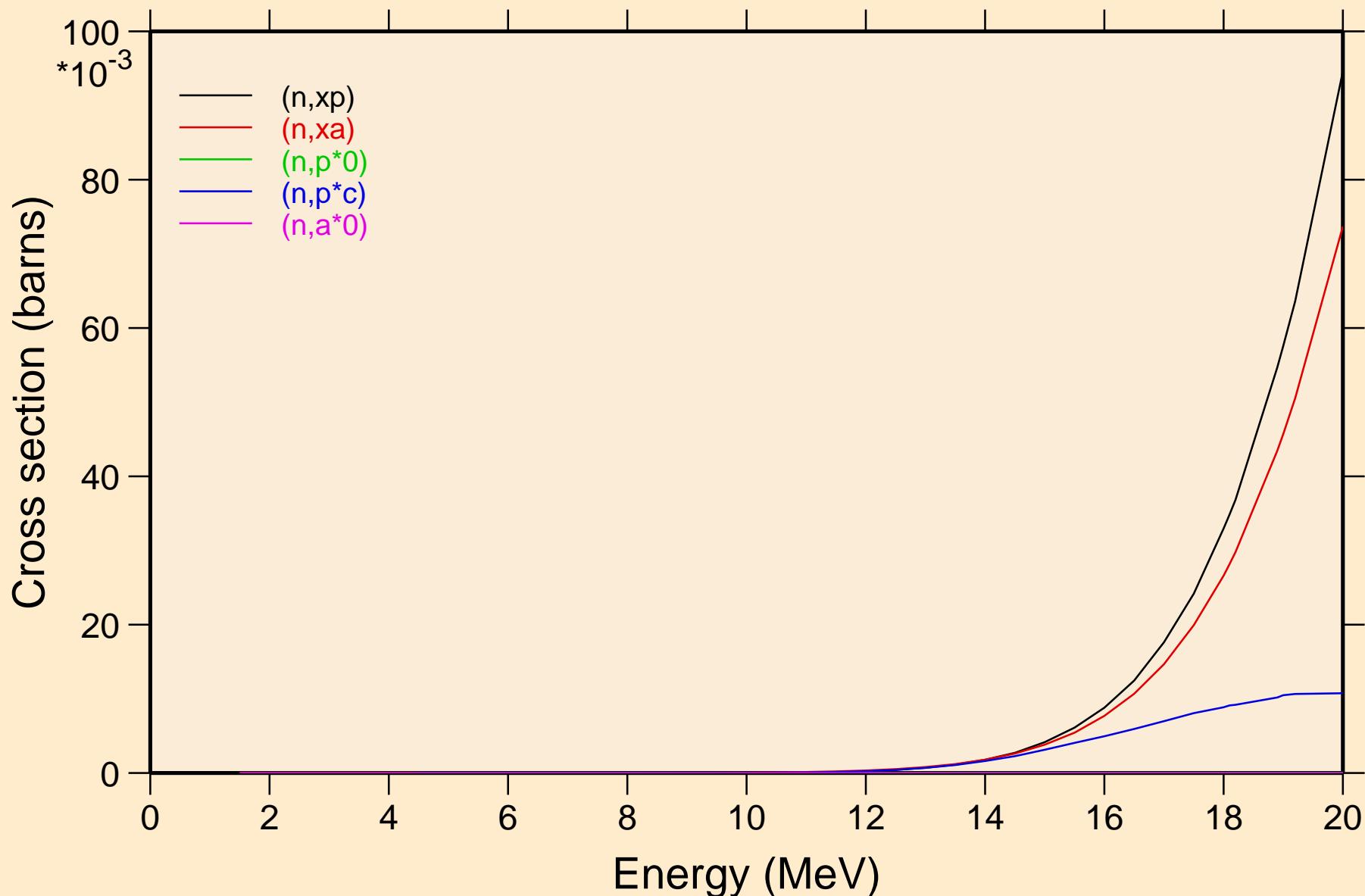


ENDF/B-VII GD-158
Threshold reactions



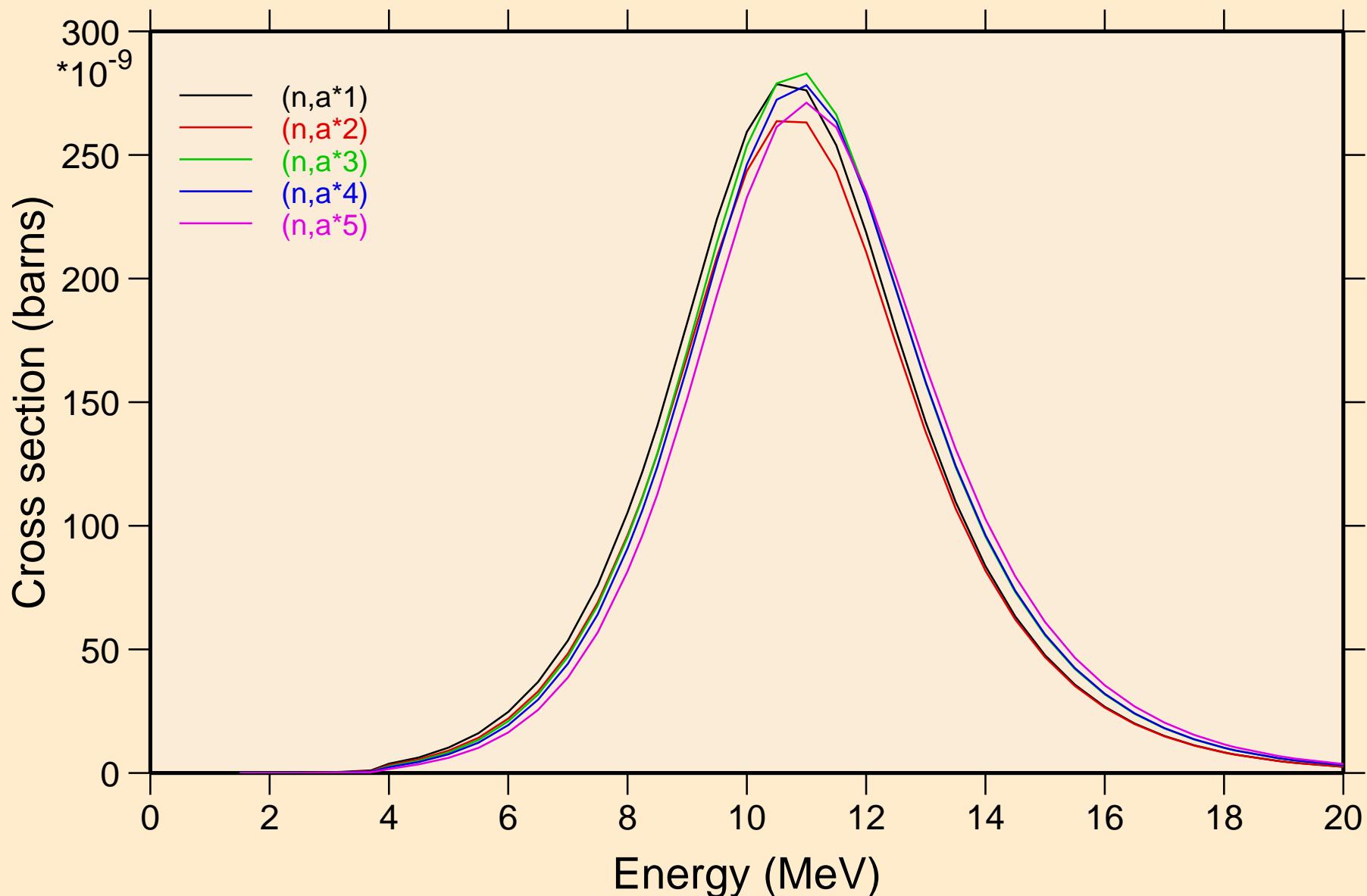
ENDF/B-VII GD-158

Threshold reactions

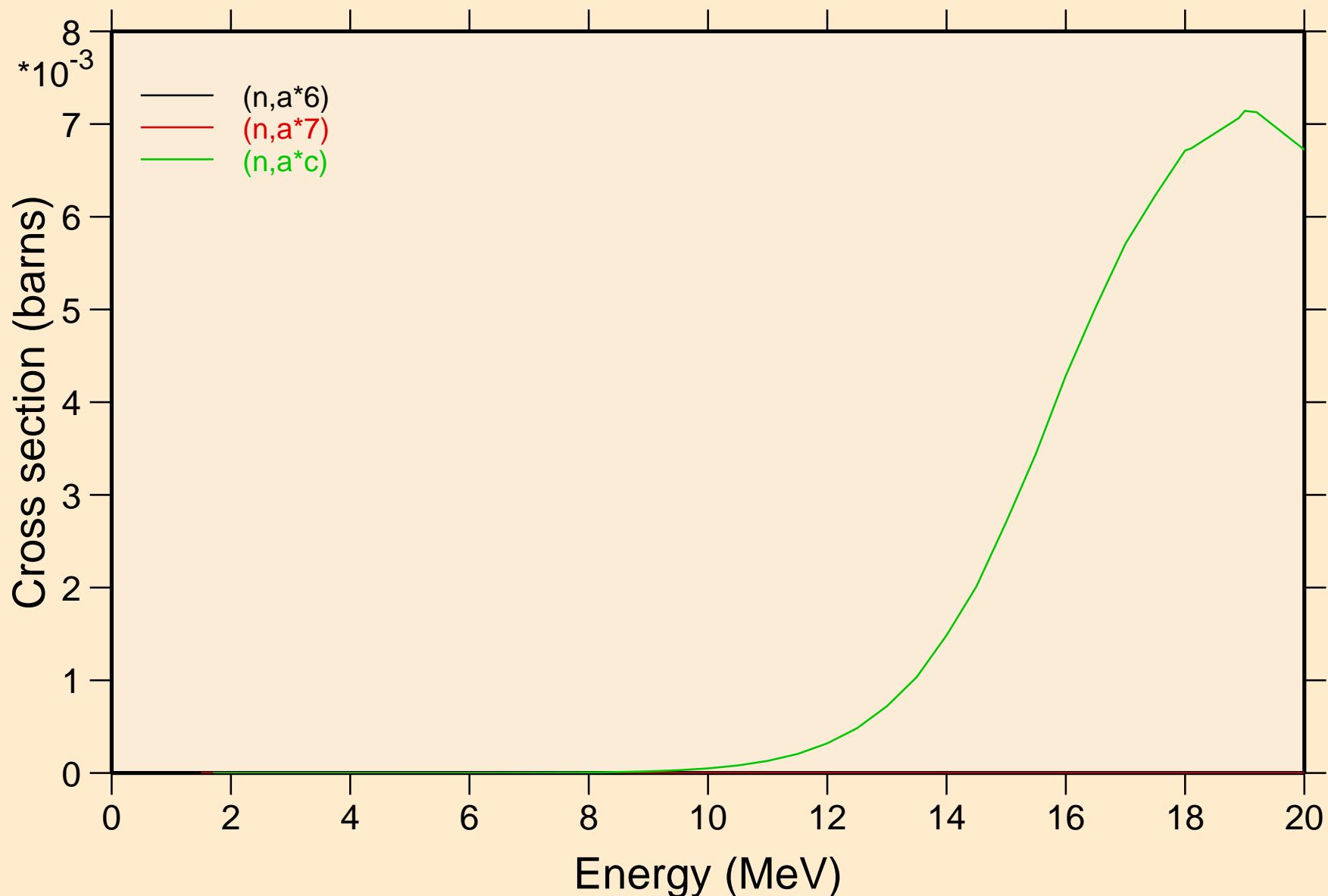


ENDF/B-VII GD-158

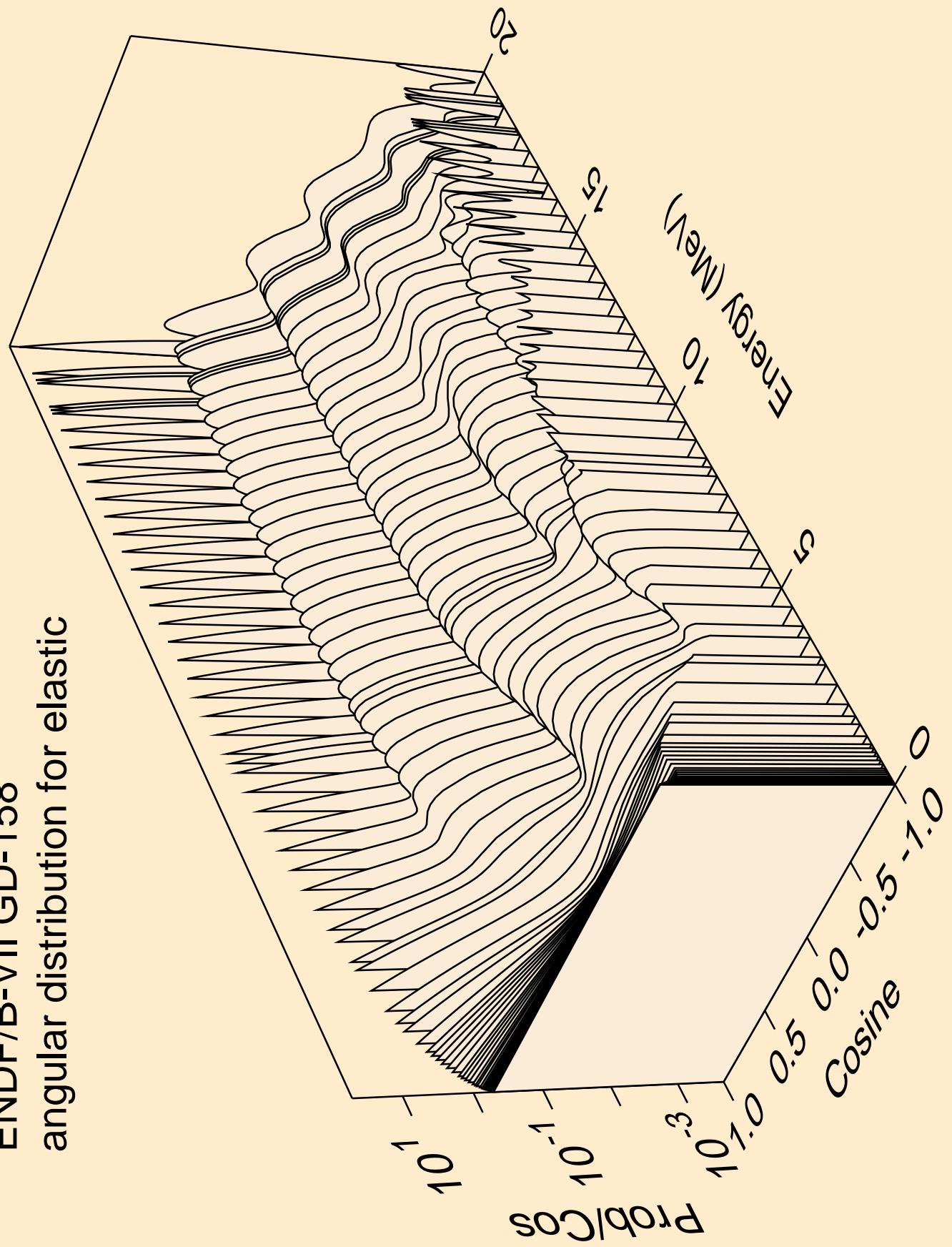
Threshold reactions



ENDF/B-VII GD-158
Threshold reactions

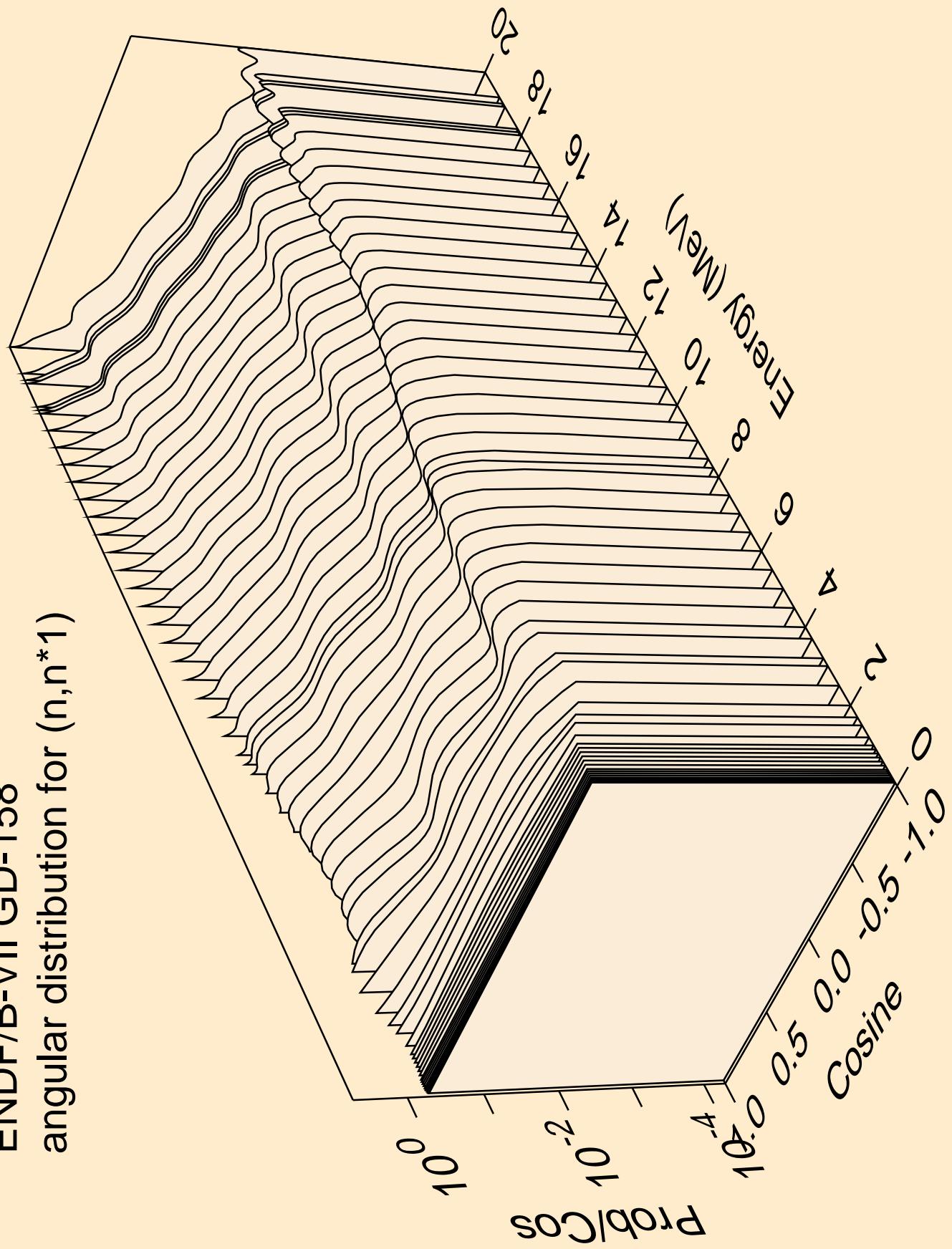


ENDF/B-VII GD-158
angular distribution for elastic

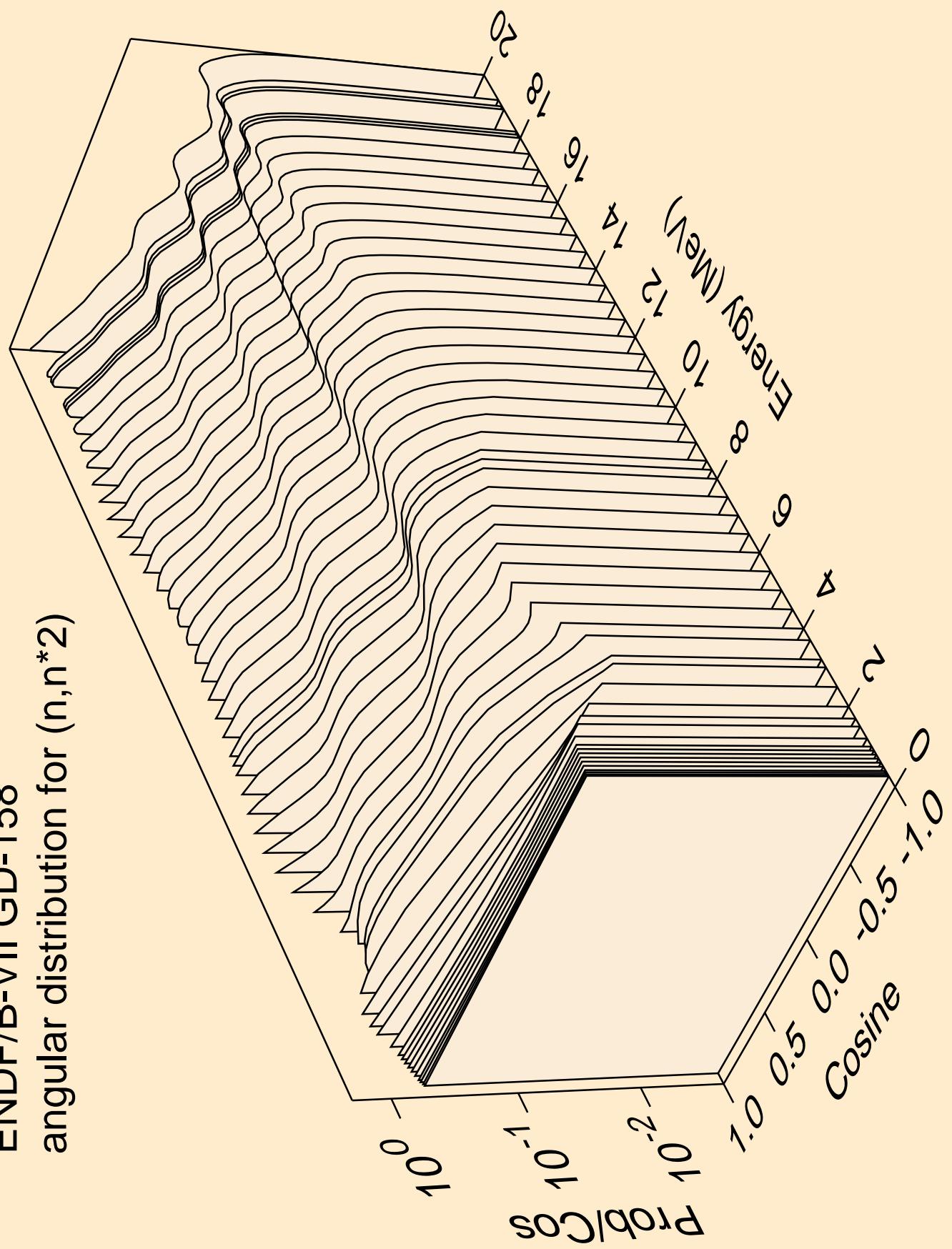


ENDF/B-VII GD-158

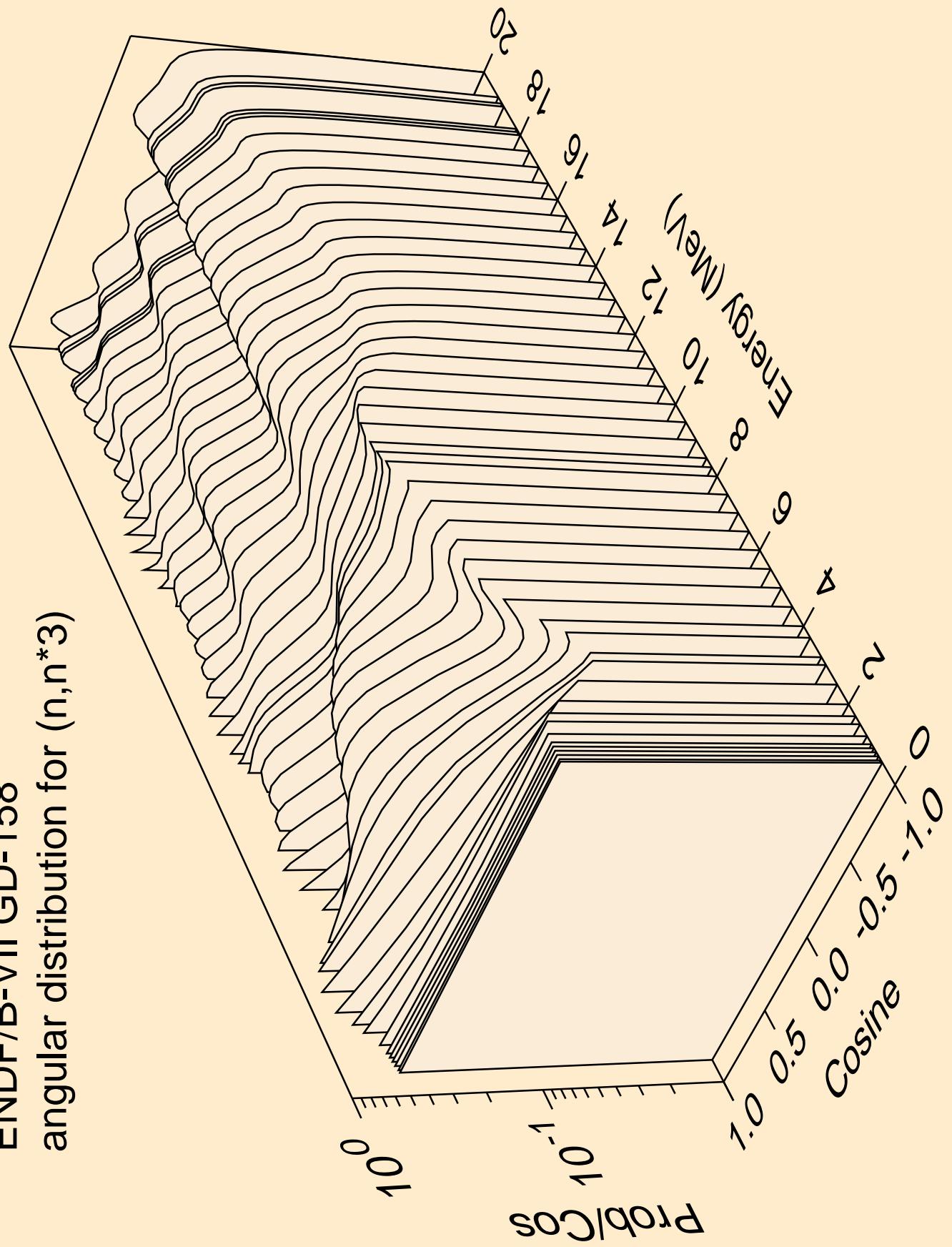
angular distribution for (n, n^*)



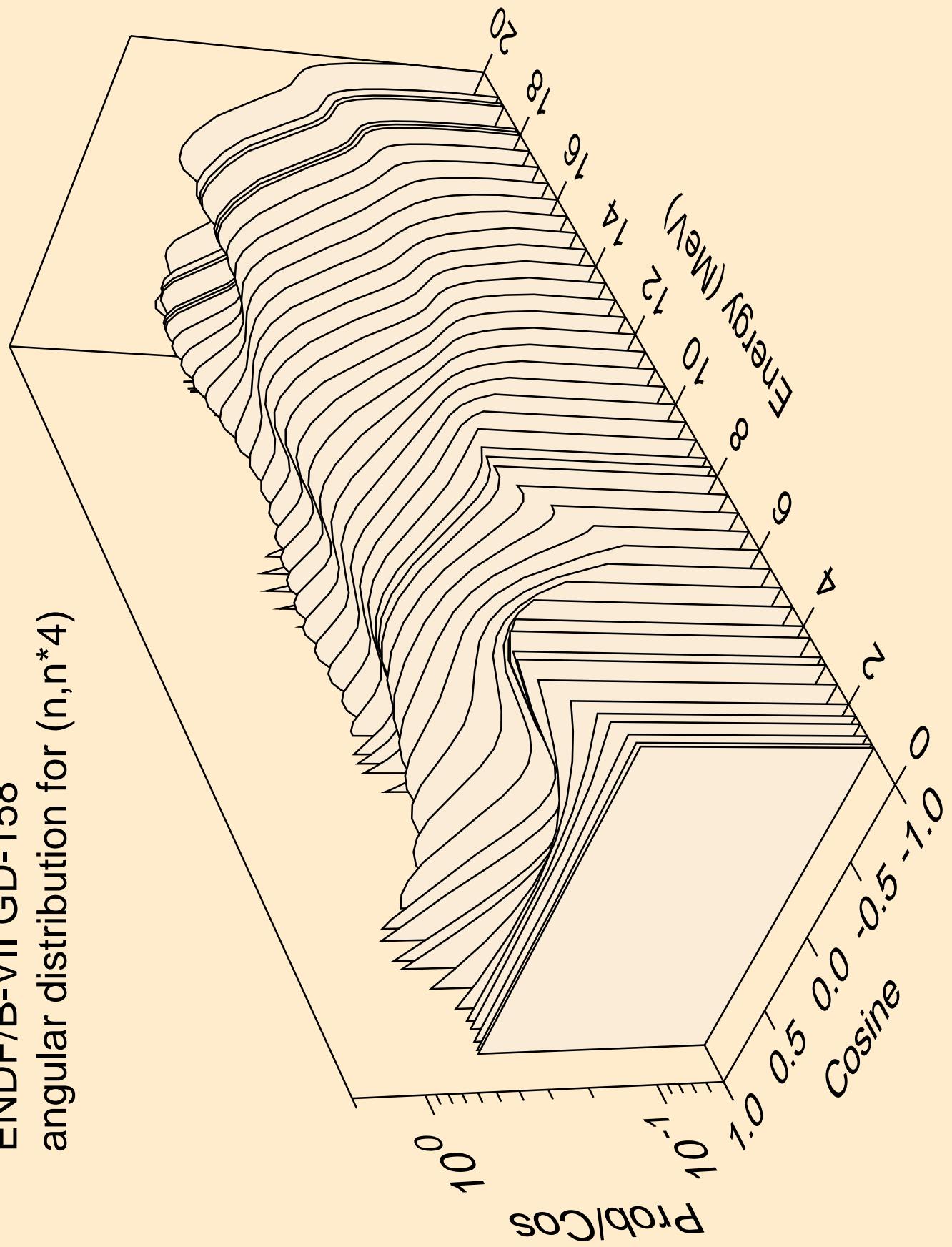
ENDF/B-VII GD-158
angular distribution for (n,n^*2)



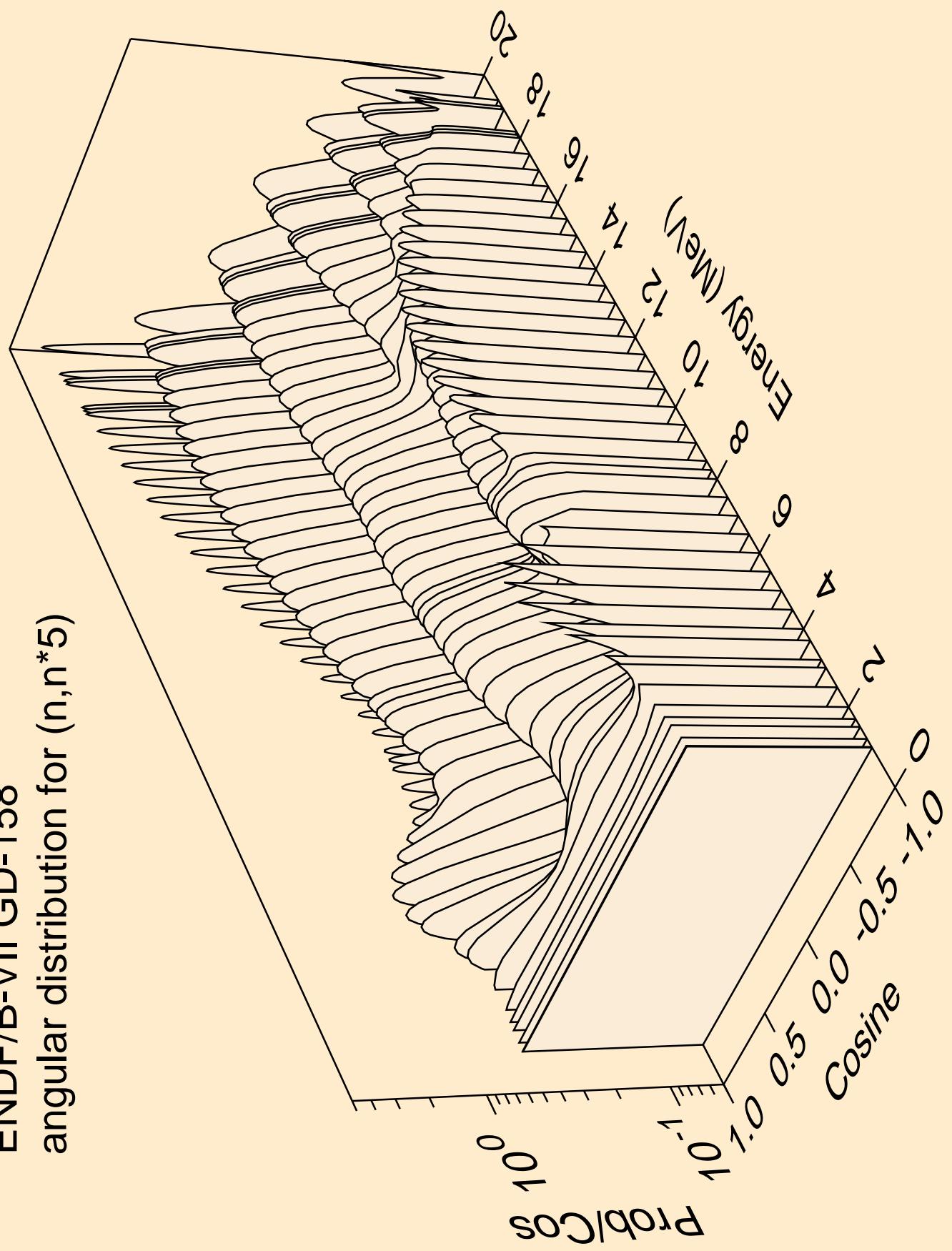
ENDF/B-VII GD-158
angular distribution for (n,n*3)



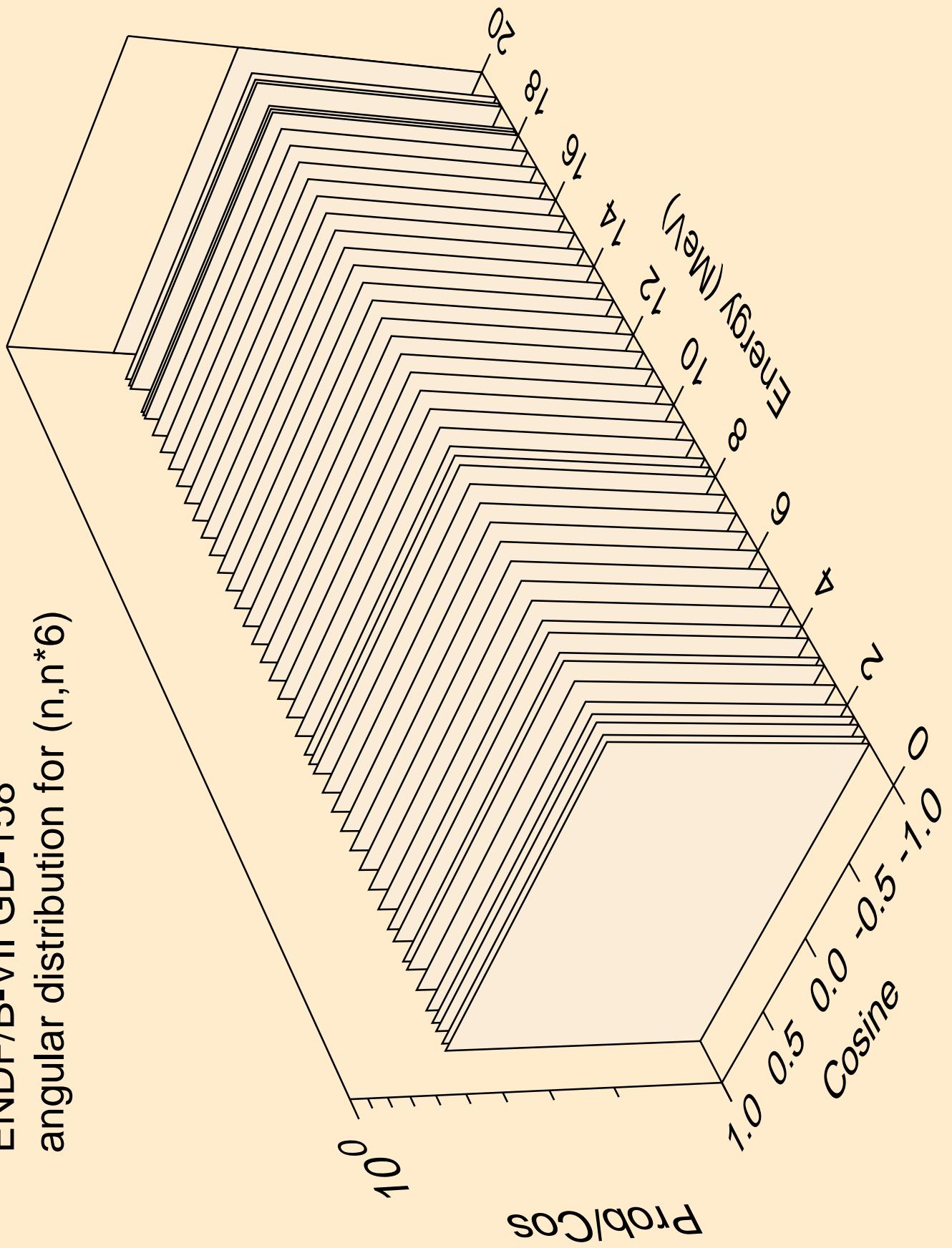
ENDF/B-VII GD-158
angular distribution for (n,n^*4)



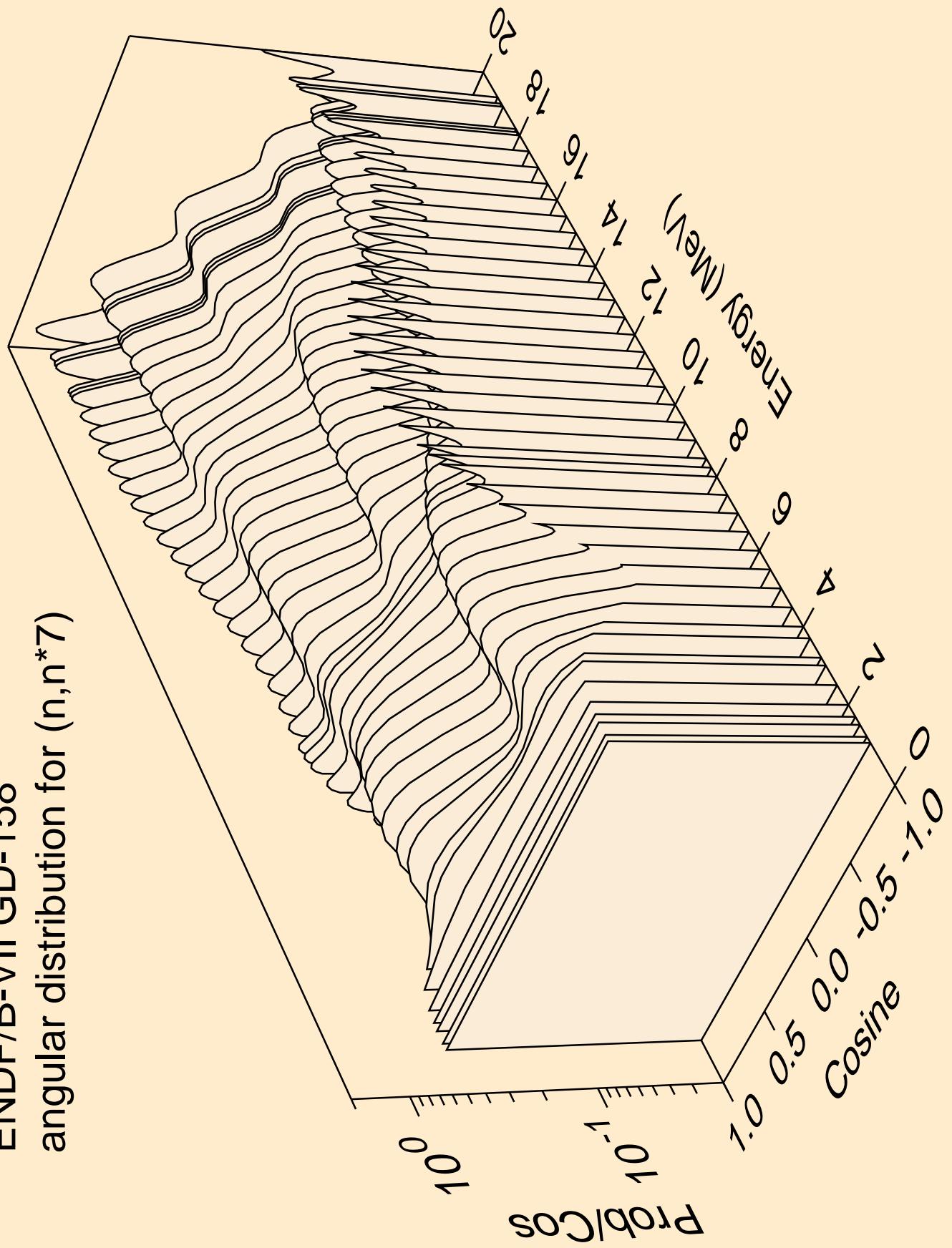
ENDF/B-VII GD-158
angular distribution for (n,n^*)



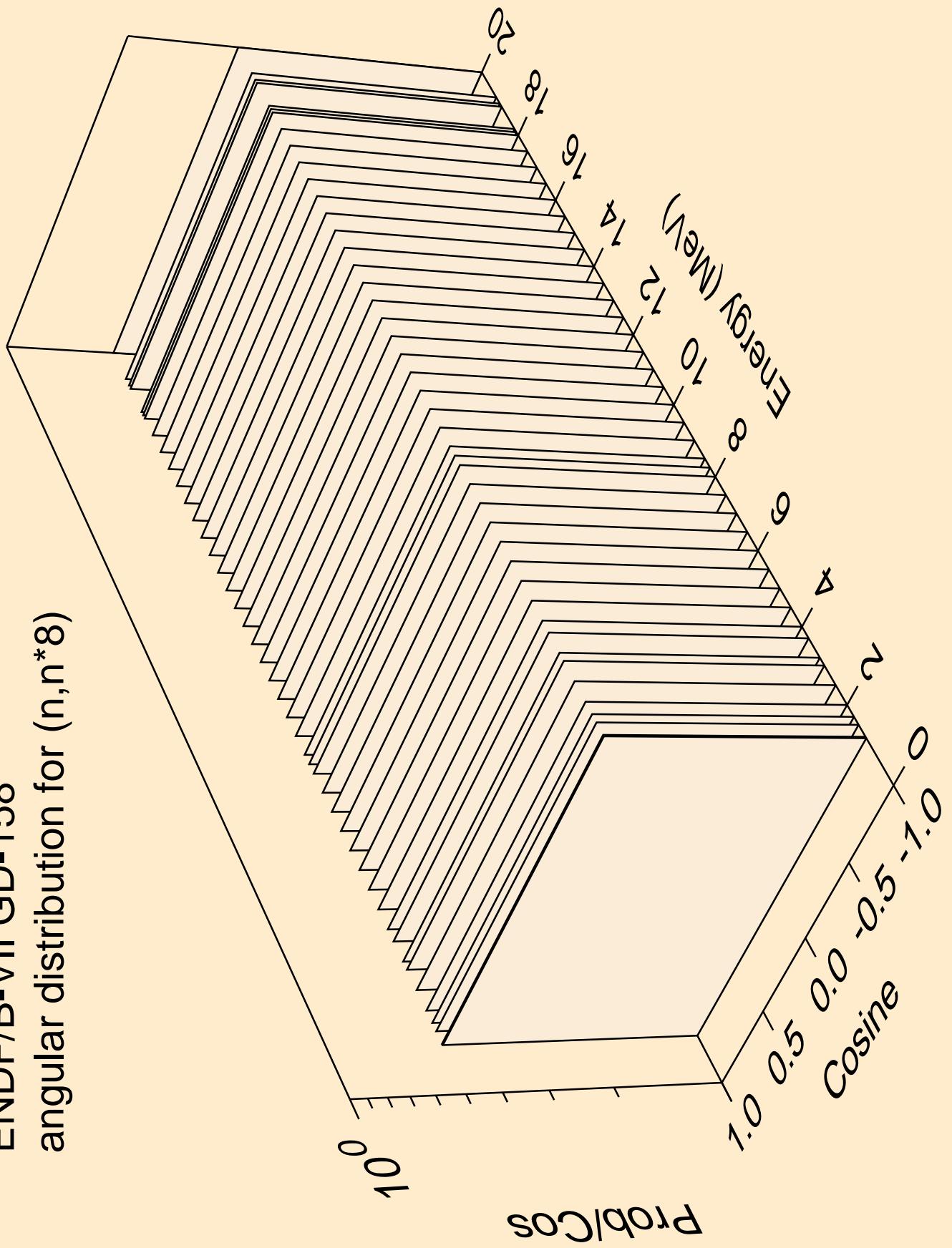
ENDF/B-VII GD-158
angular distribution for (n,n*6)



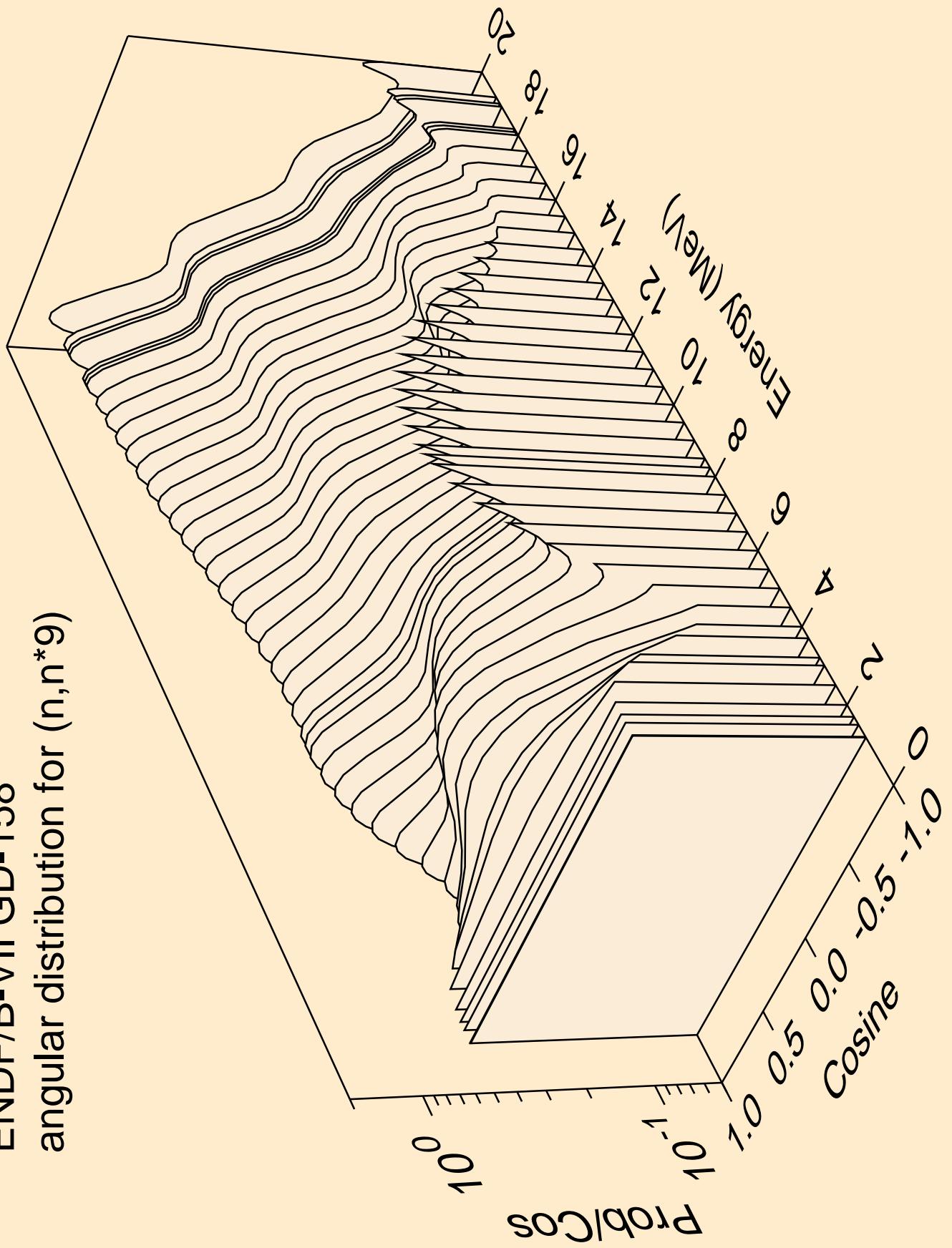
ENDF/B-VII GD-158
angular distribution for ($n, n^* 7$)



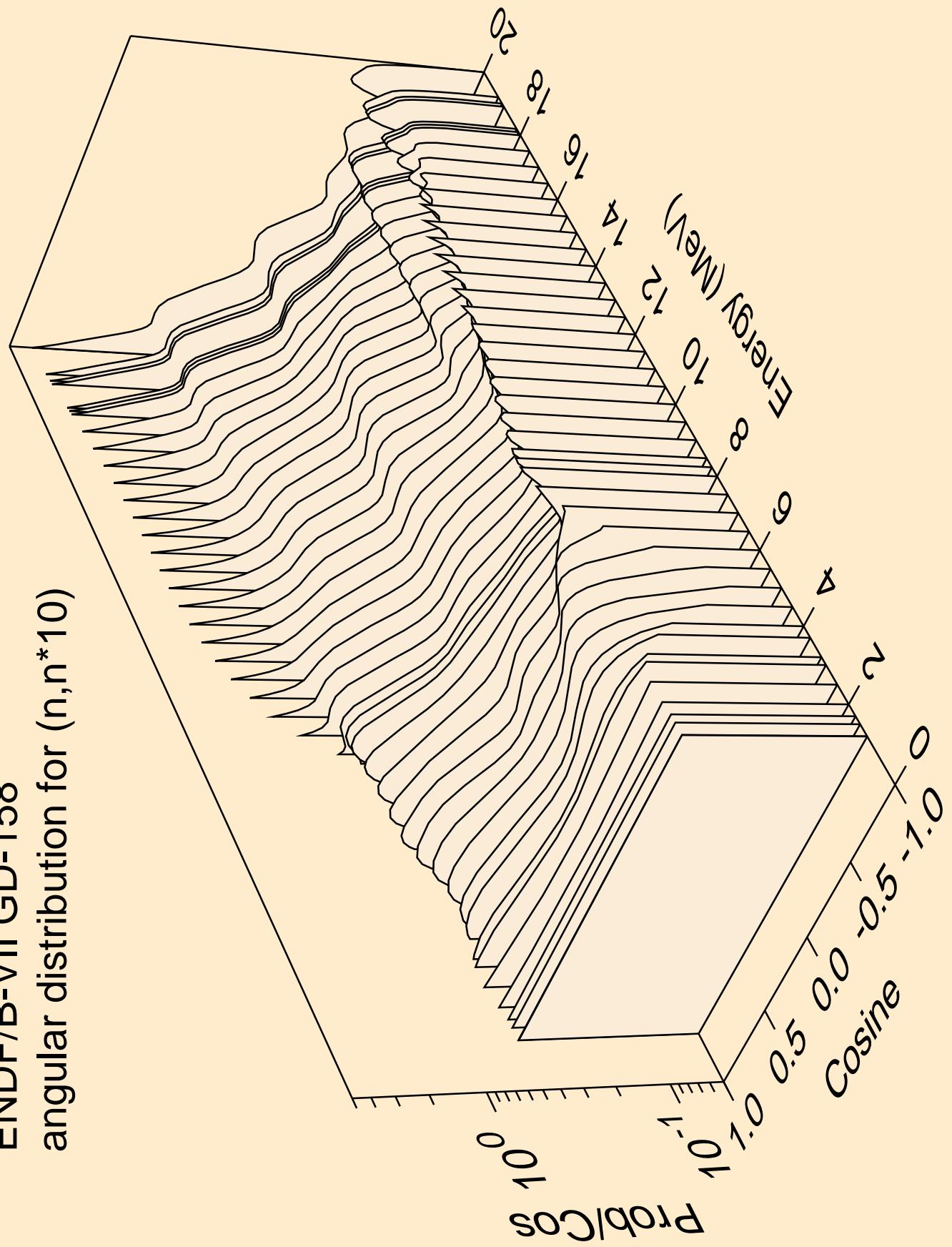
ENDF/B-VII GD-158
angular distribution for (n,n^*)⁸



ENDF/B-VII GD-158
angular distribution for (n,n^*9)

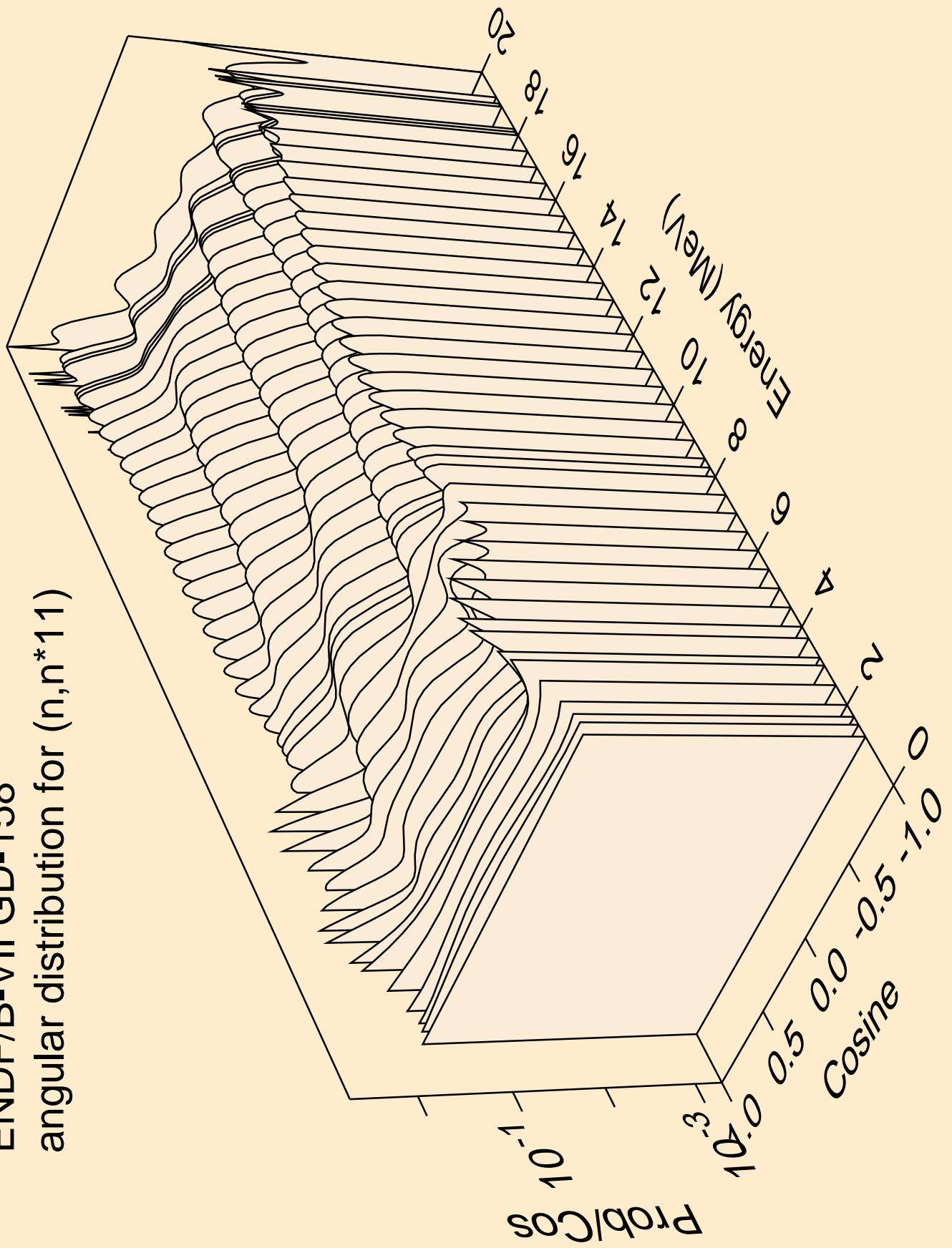


ENDF/B-VII GD-158
angular distribution for (n,n^*10)



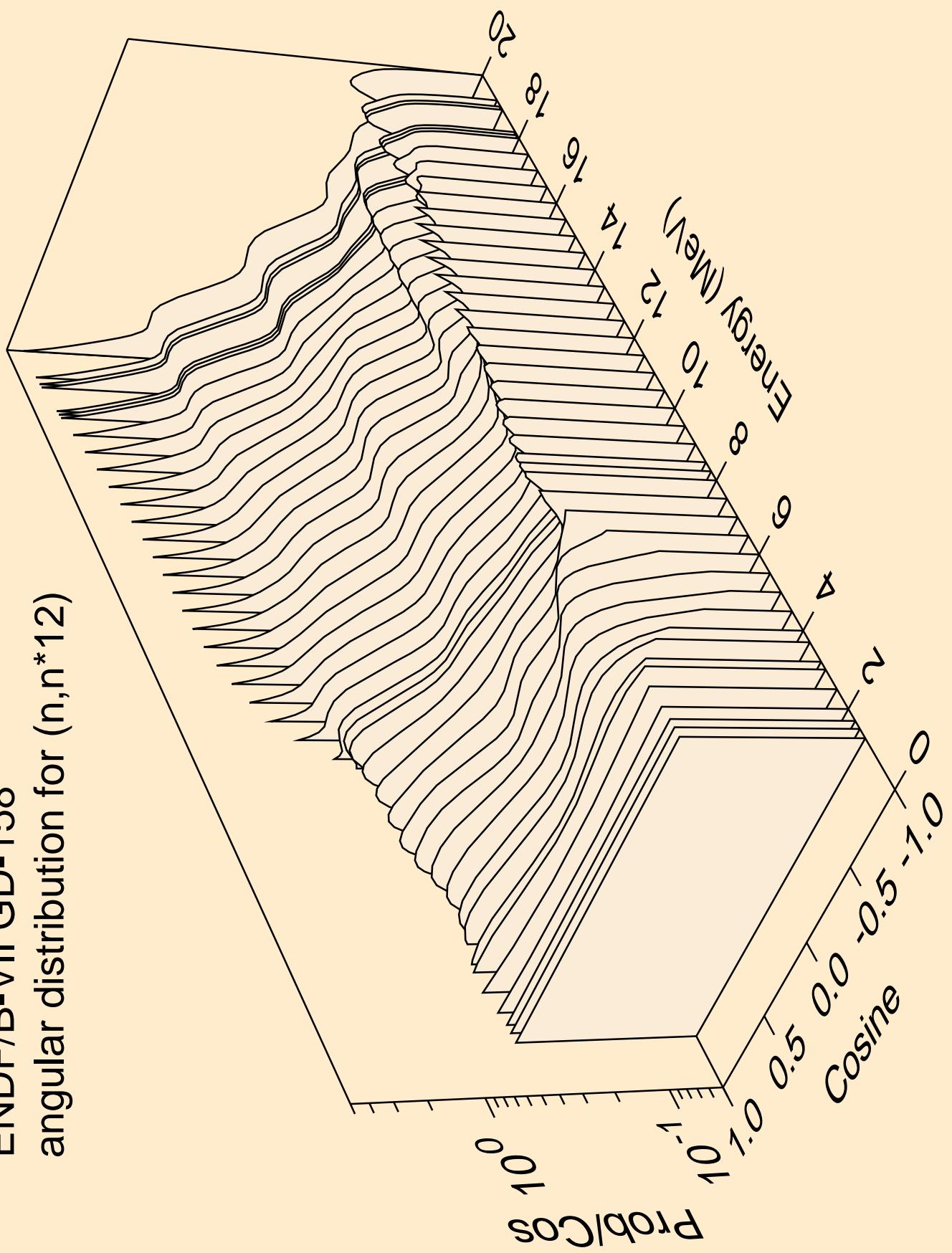
ENDF/B-VII GD-158

angular distribution for $(n, n^* 11)$



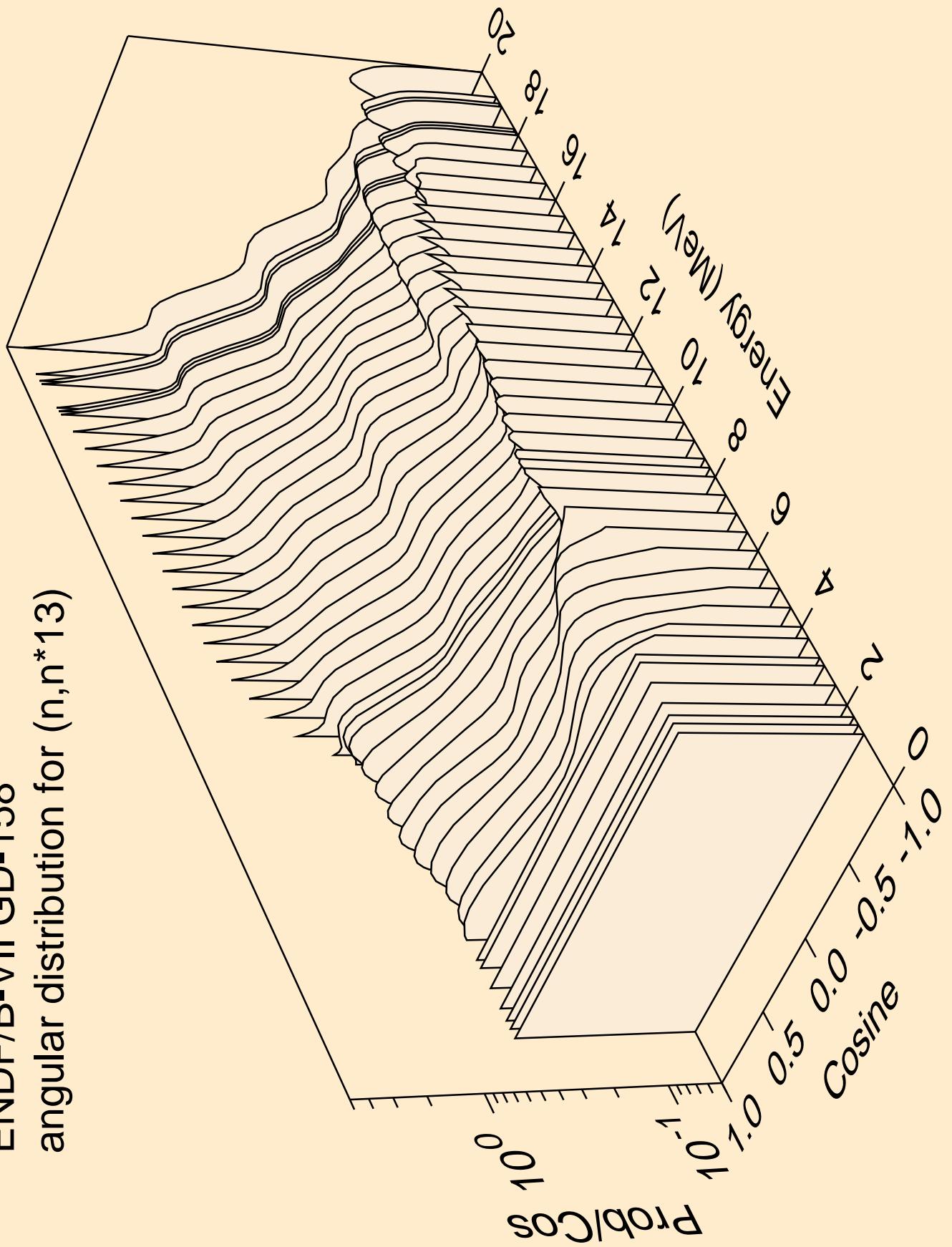
ENDF/B-VII GD-158

angular distribution for (n,n*12)



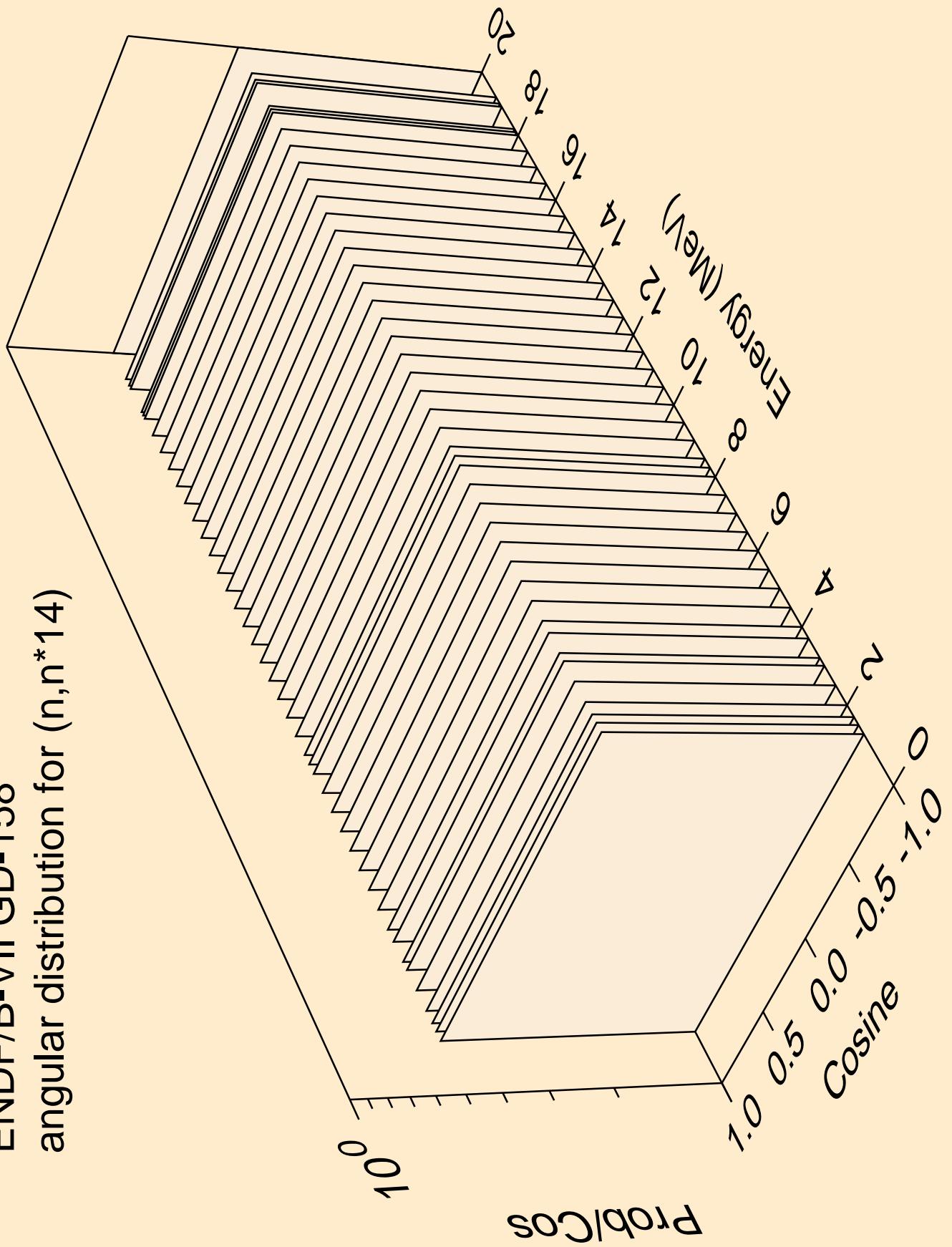
ENDF/B-VII GD-158

angular distribution for (n,n*13)



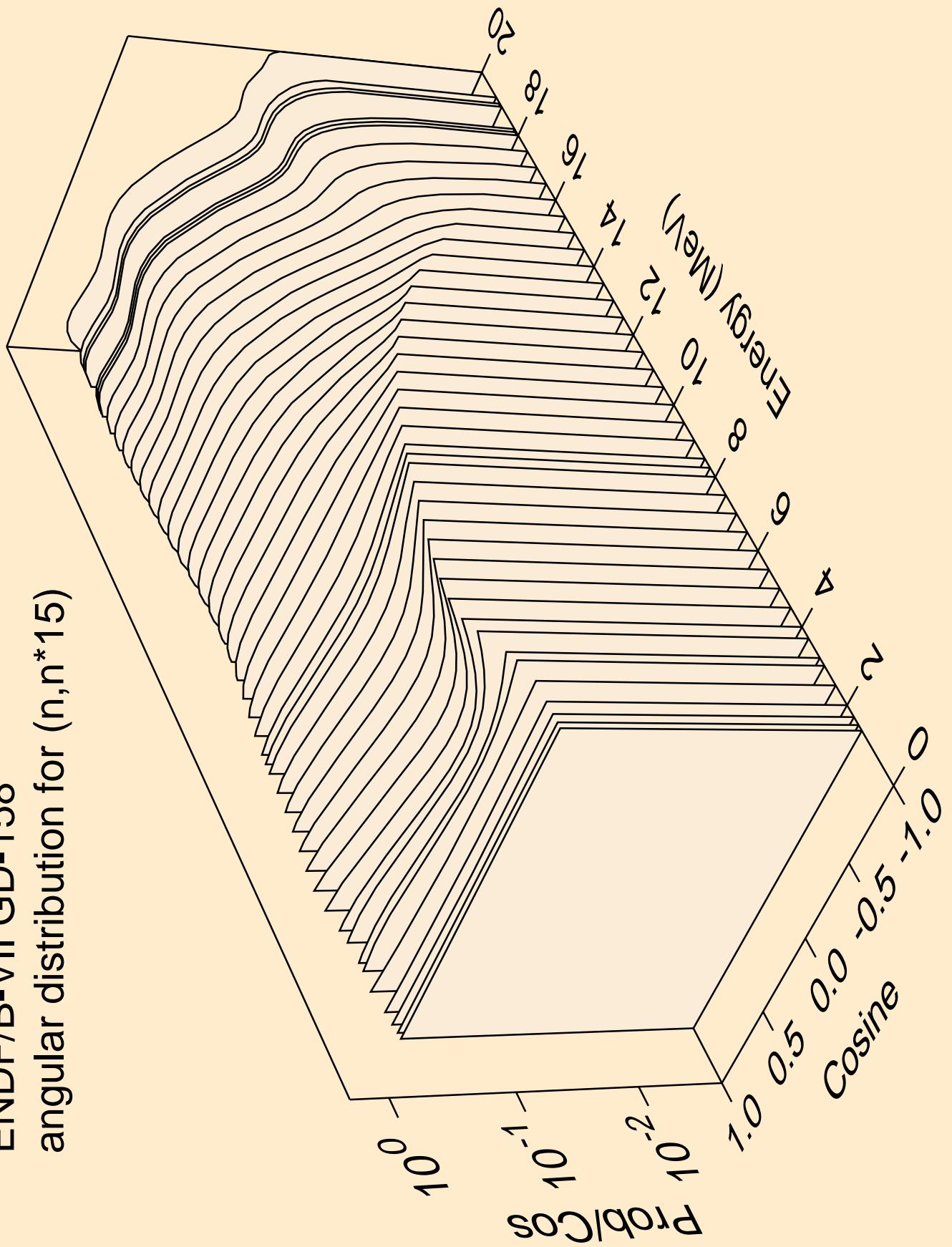
ENDF/B-VII GD-158

angular distribution for (n,n*14)



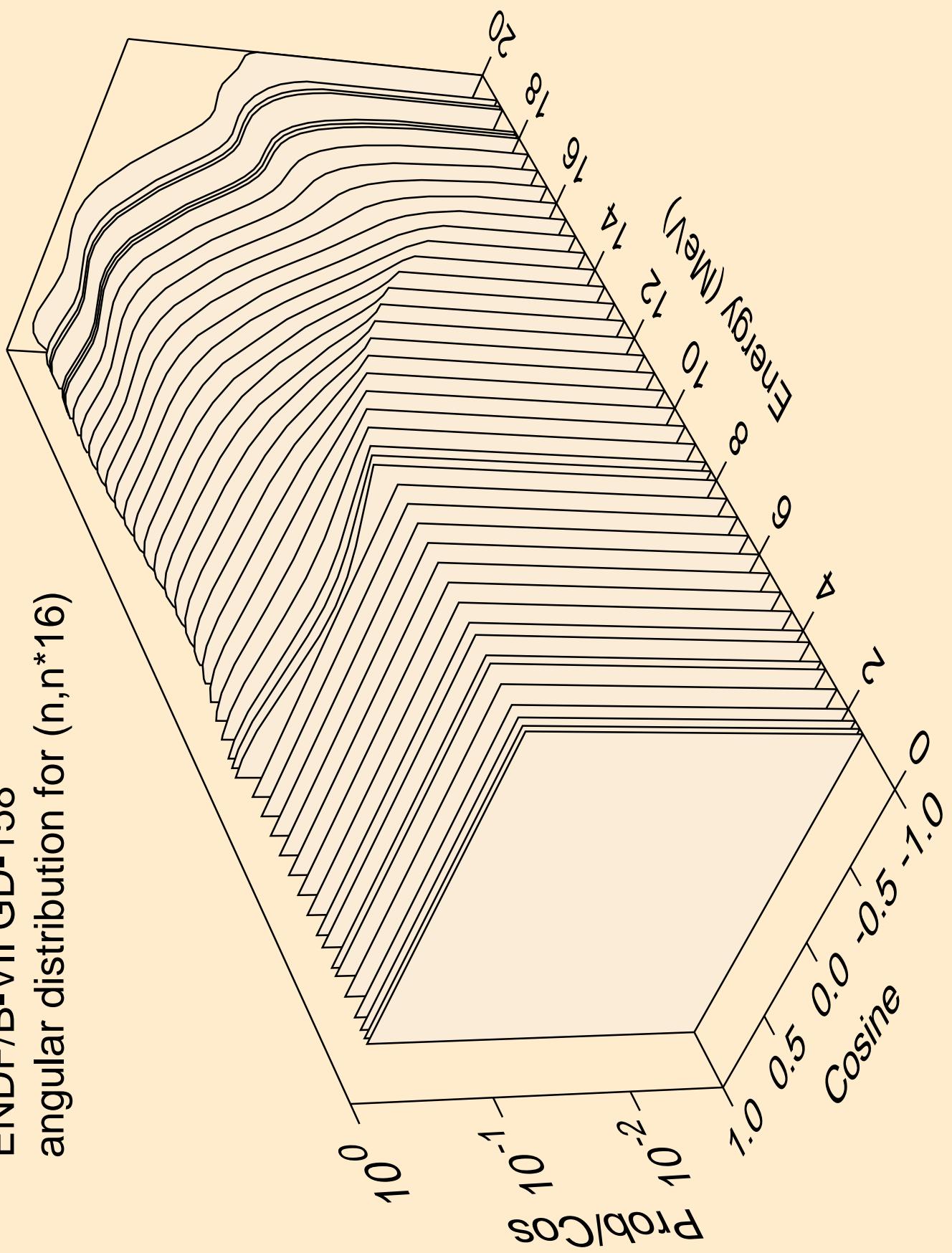
ENDF/B-VII GD-158

angular distribution for (n,n^*15)



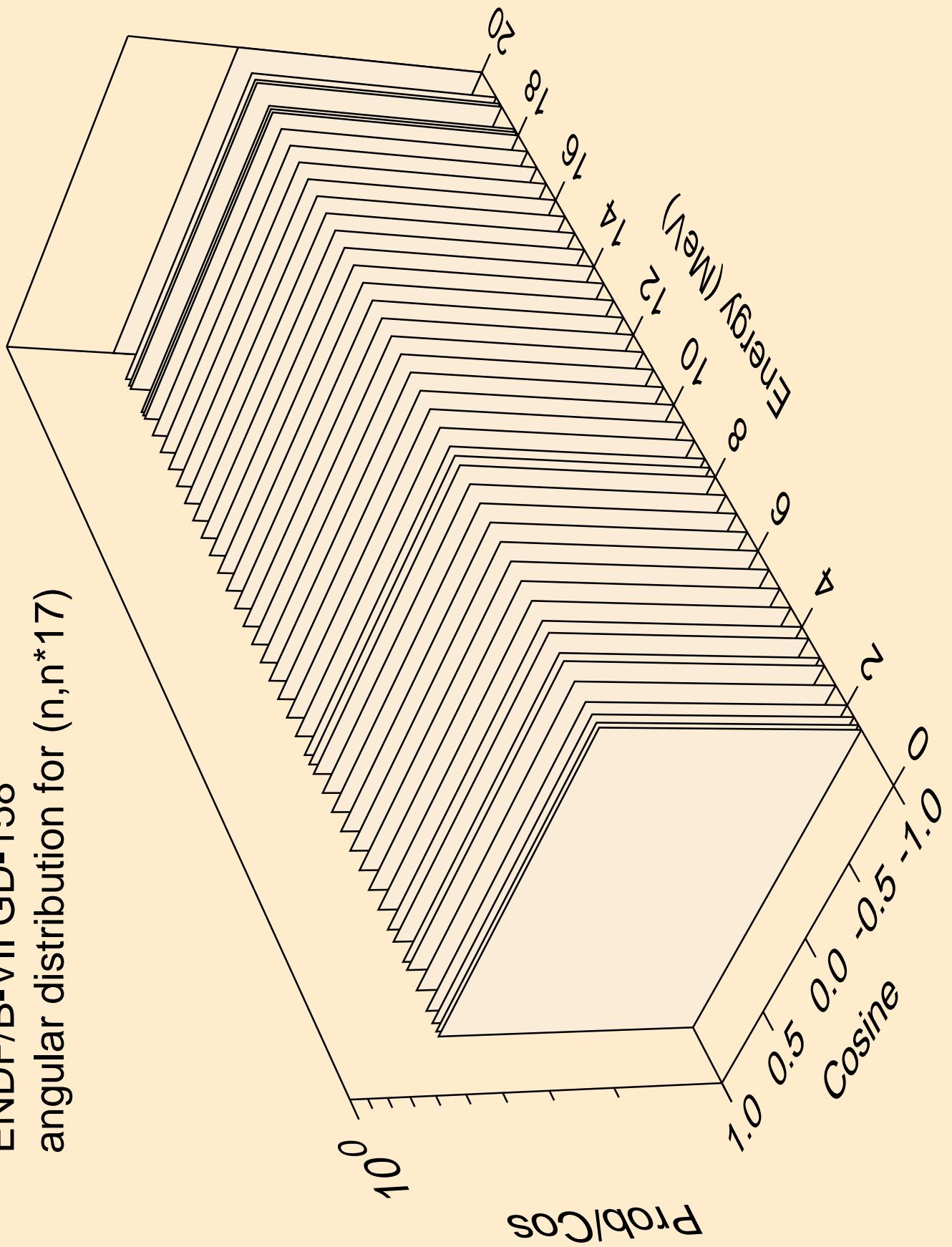
ENDF/B-VII GD-158

angular distribution for (n,n*16)



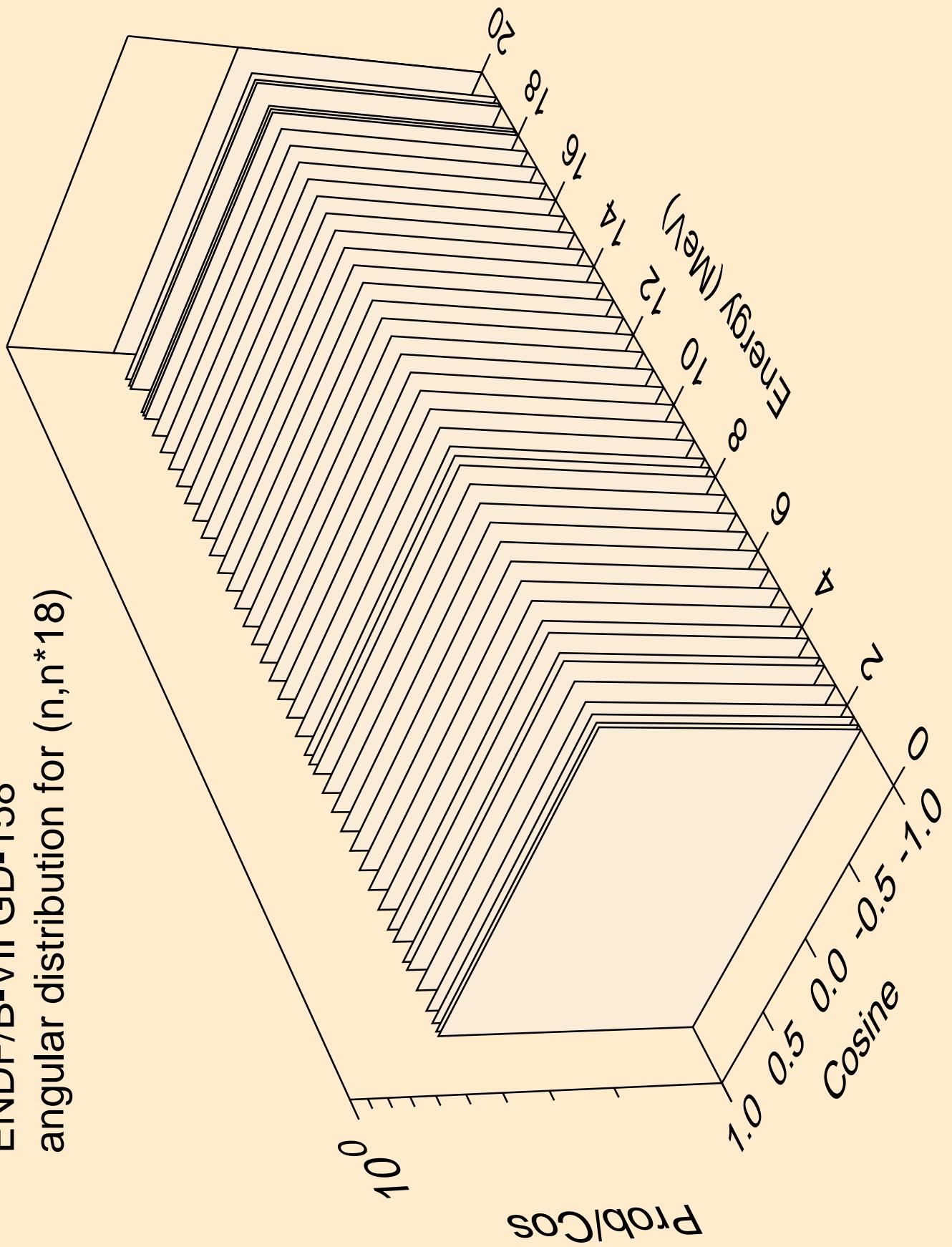
ENDF/B-VII GD-158

angular distribution for (n,n^*17)



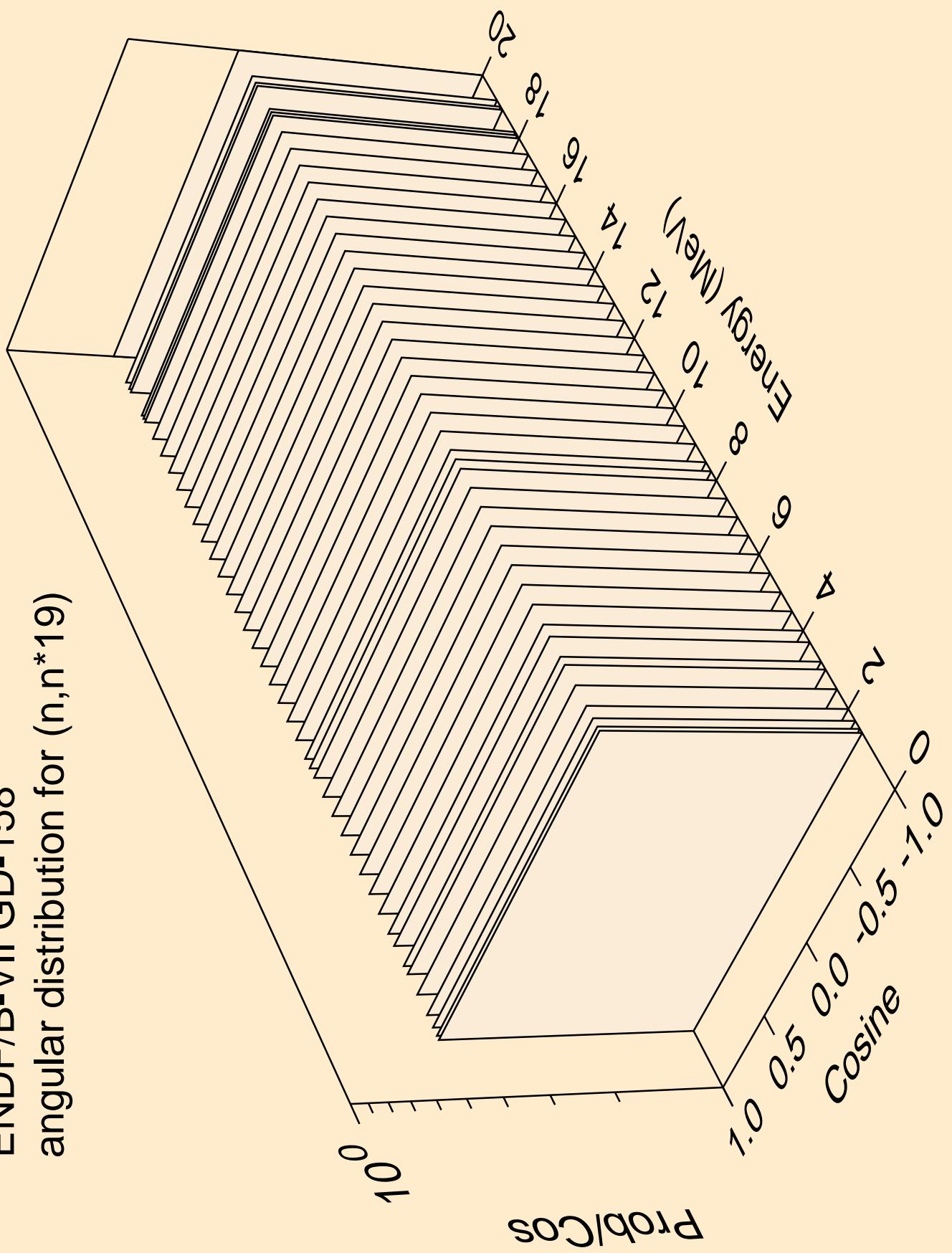
ENDF/B-VII GD-158

angular distribution for (n,n^*18)



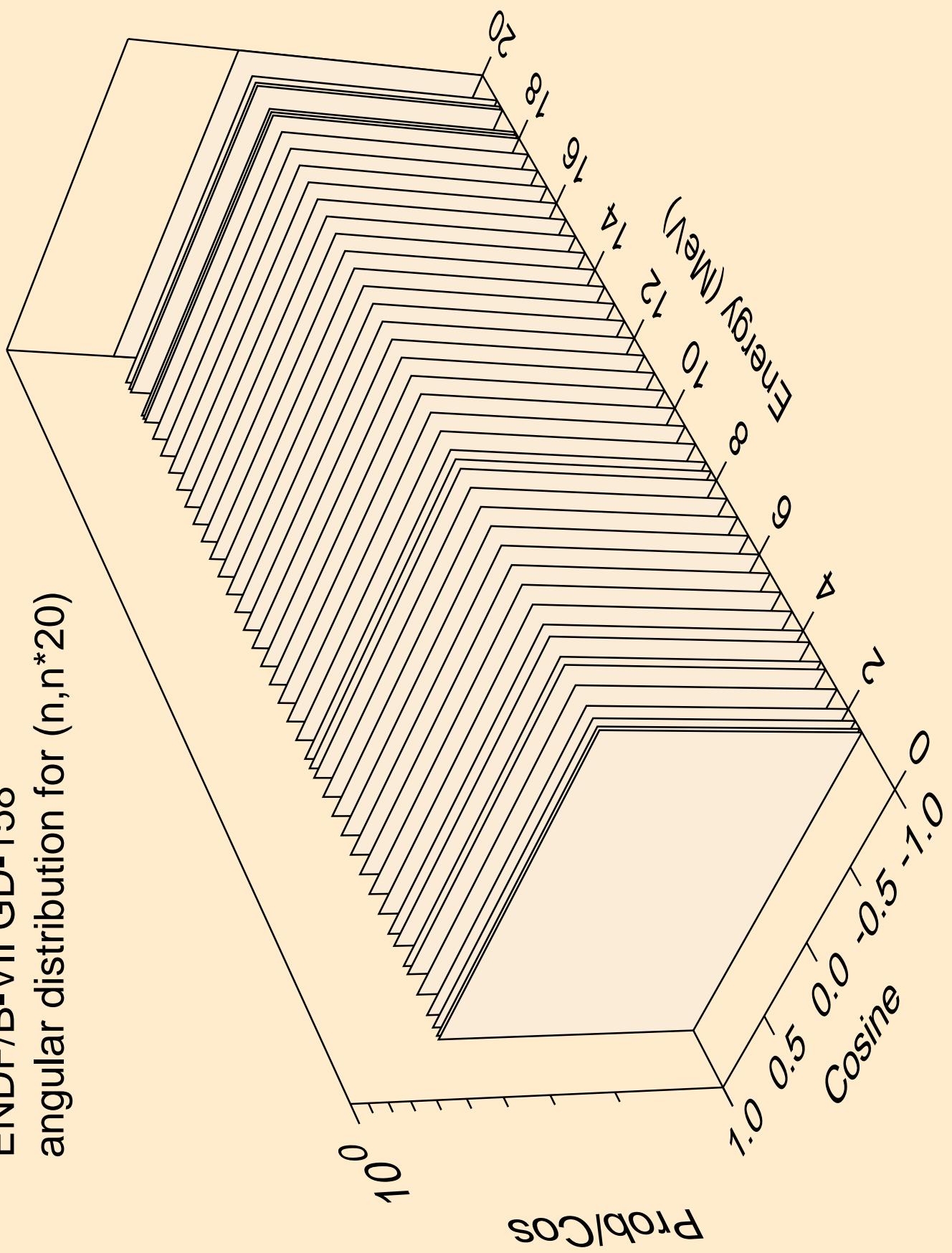
ENDF/B-VII GD-158

angular distribution for (n,n^*19)



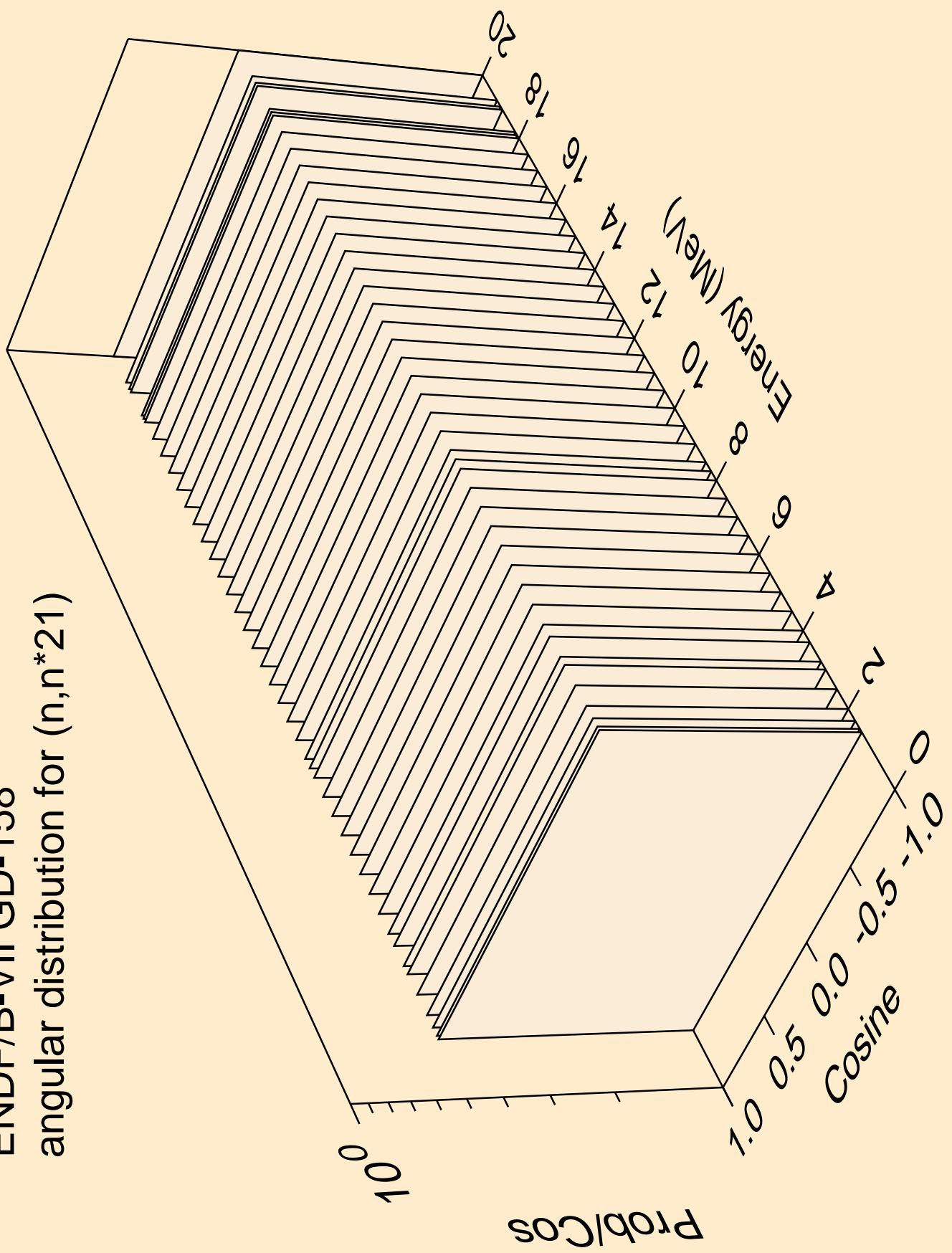
ENDF/B-VII GD-158

angular distribution for (n,n^*20)



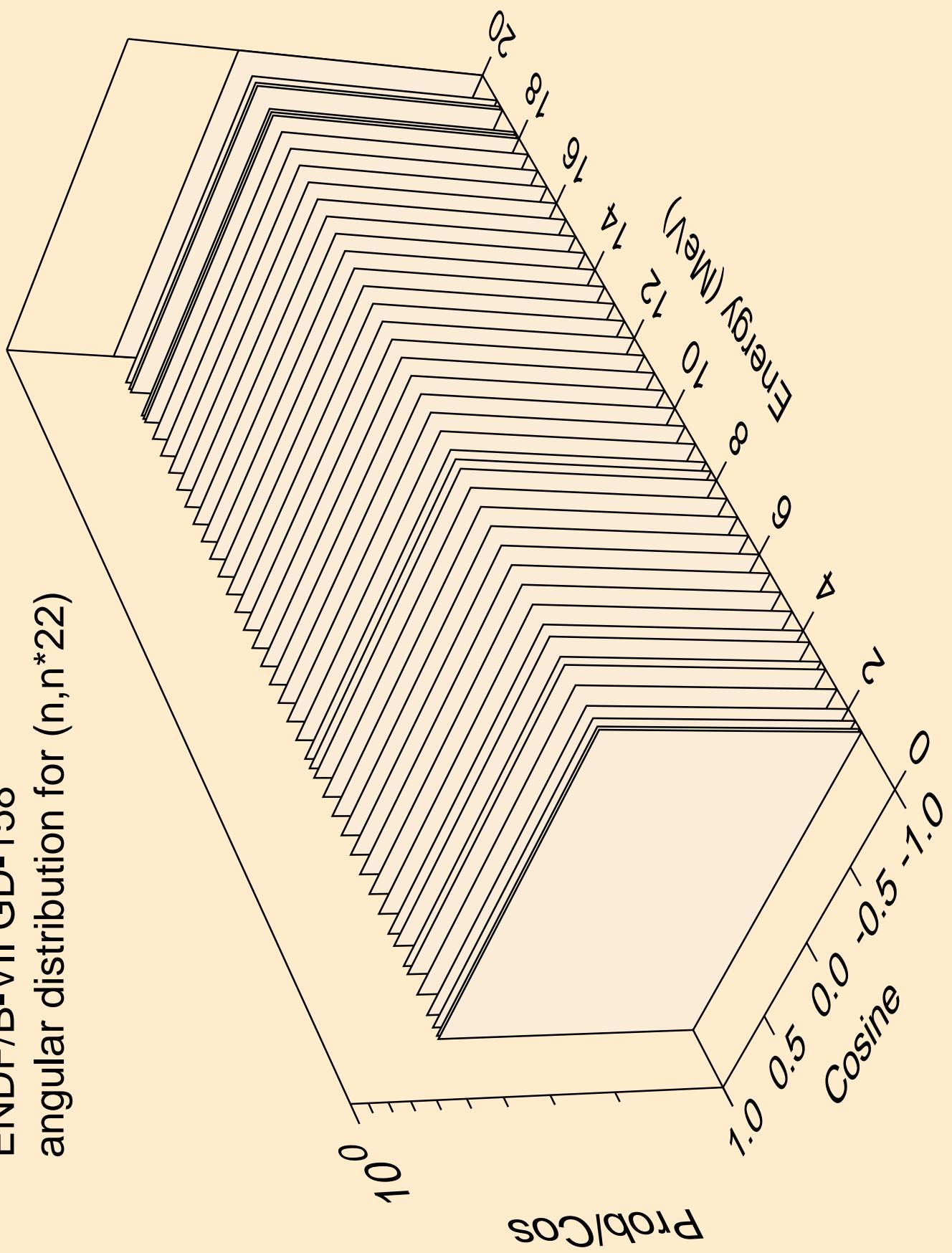
ENDF/B-VII GD-158

angular distribution for (n,n^*21)



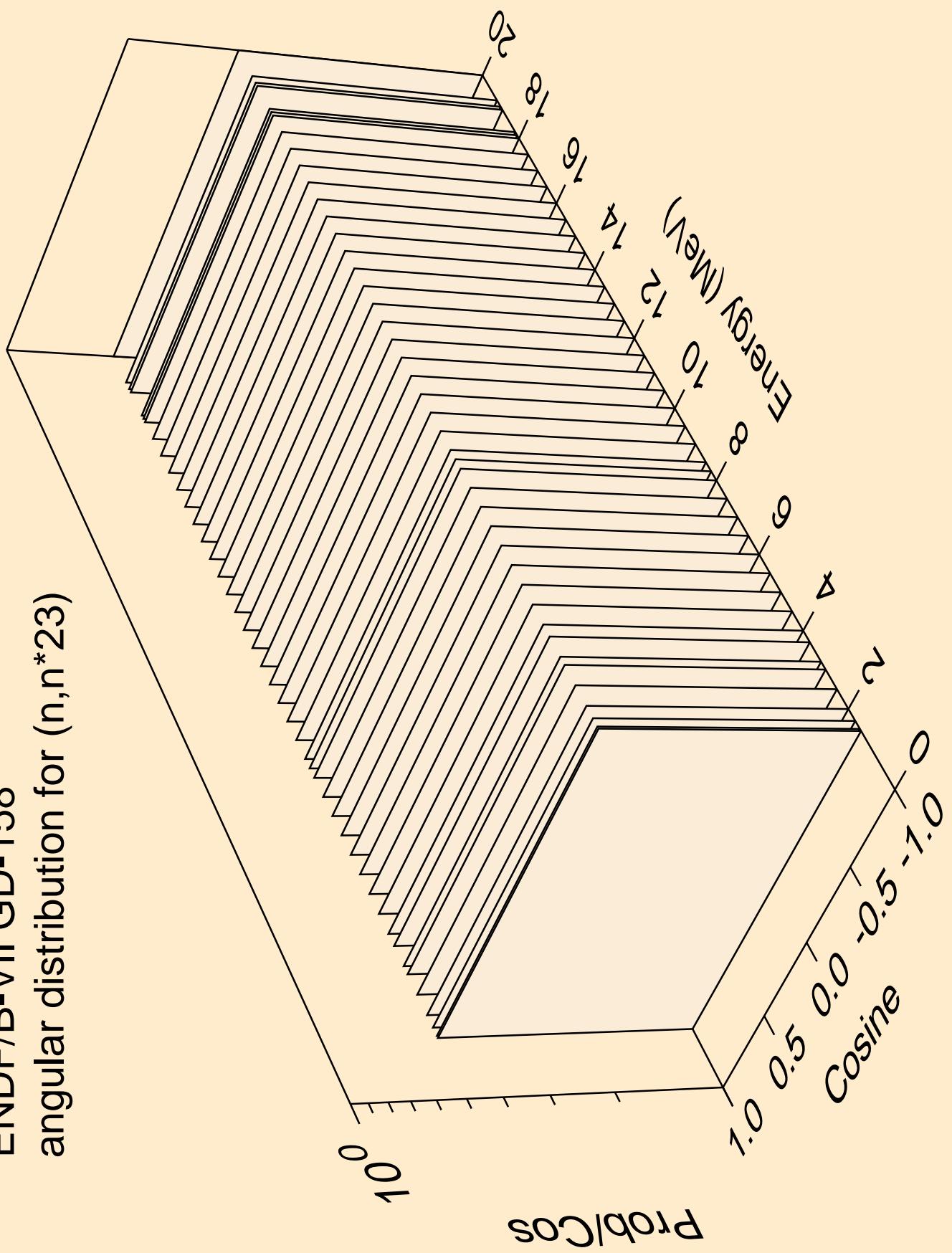
ENDF/B-VII GD-158

angular distribution for (n,n^*22)



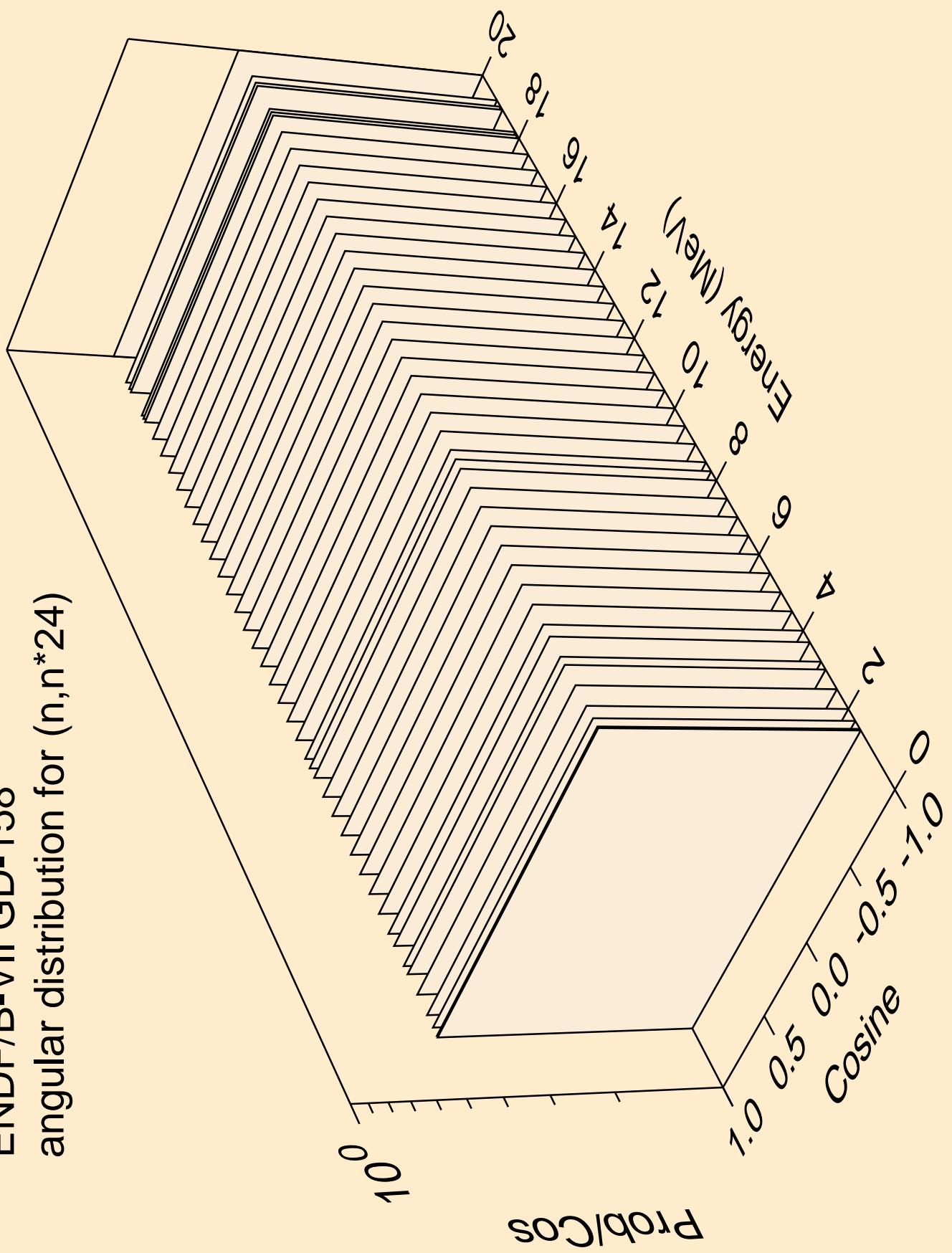
ENDF/B-VII GD-158

angular distribution for (n,n^*23)



ENDF/B-VII GD-158

angular distribution for (n,n^*24)



ENDF/B-VII GD-158

angular distribution for (n,n^*25)

10^0

Prob/Cos

1.0 0.5 0.0 -0.5 -1.0
Cosine

Energy (MeV)

20

18

16

14

12

10

8

6

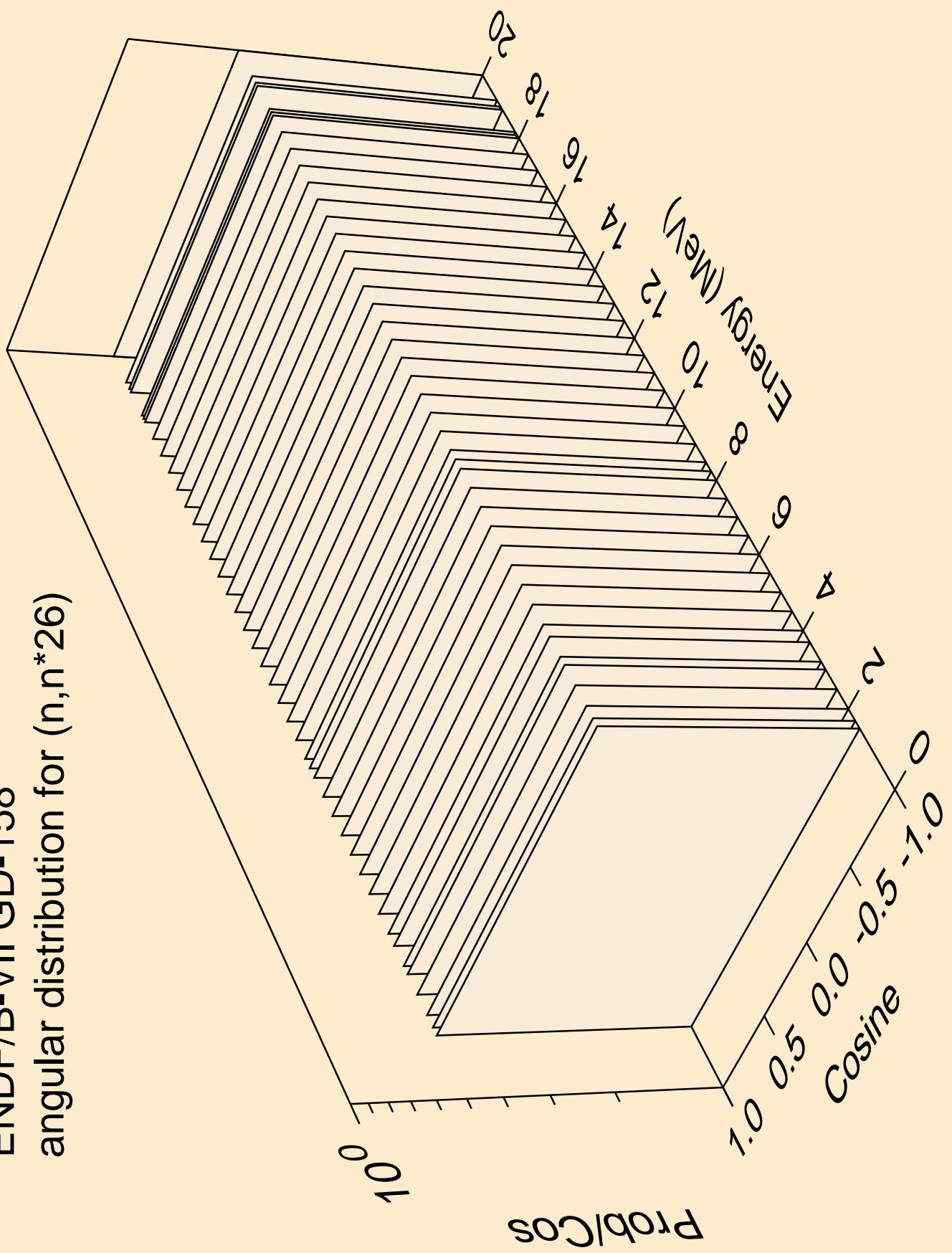
4

2

0

ENDF/B-VII GD-158

angular distribution for (n,n^*26)



ENDF/B-VII GD-158

angular distribution for (n,n^*27)

10^0

Prob/Cos

1.0

0.5

0.0

-0.5

-1.0

Cosine

0.5 -1.0

Δ

Energ (MeV)

10
8
6
4
2
0

20

18

16

14

12

10

8

6

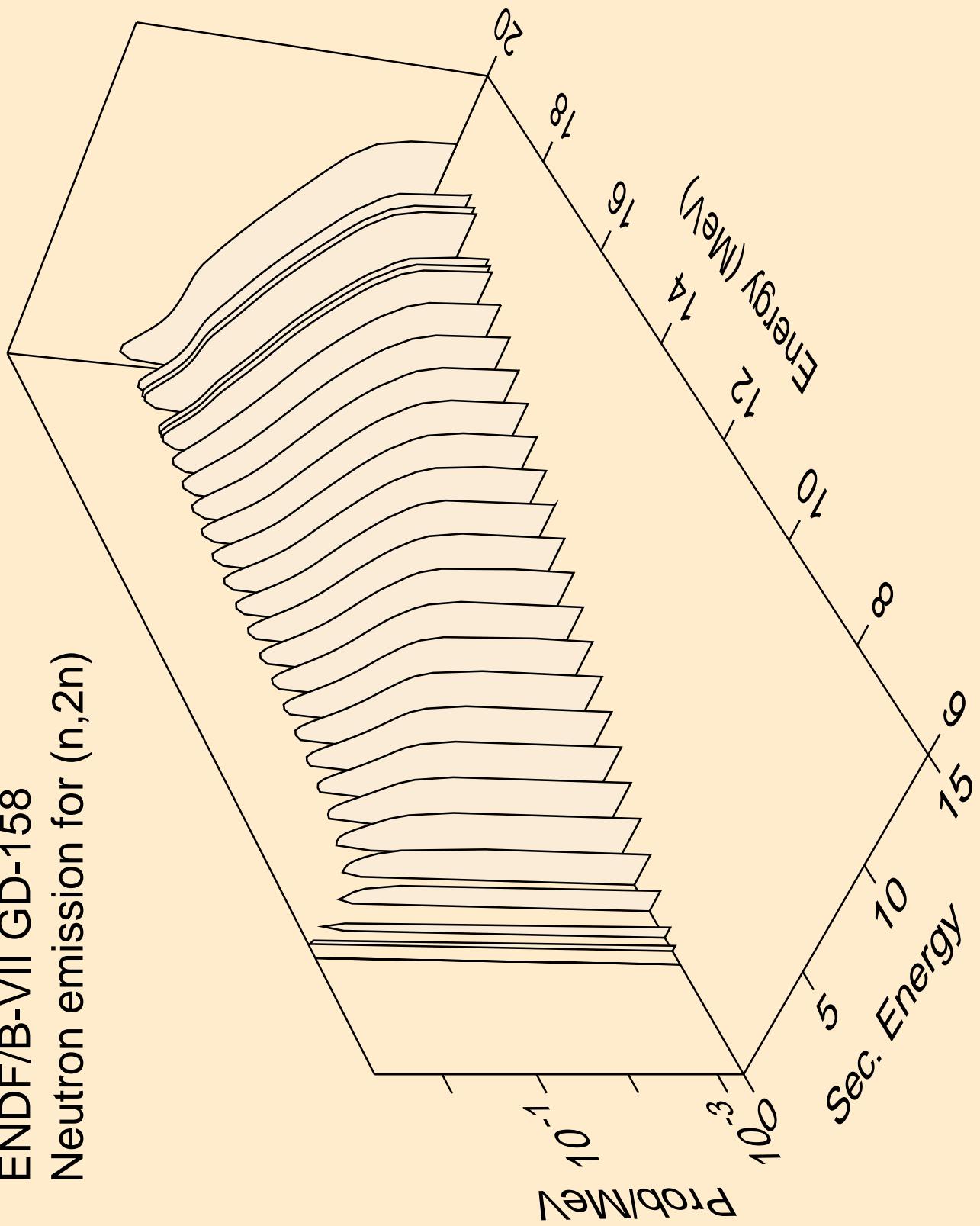
4

2

0

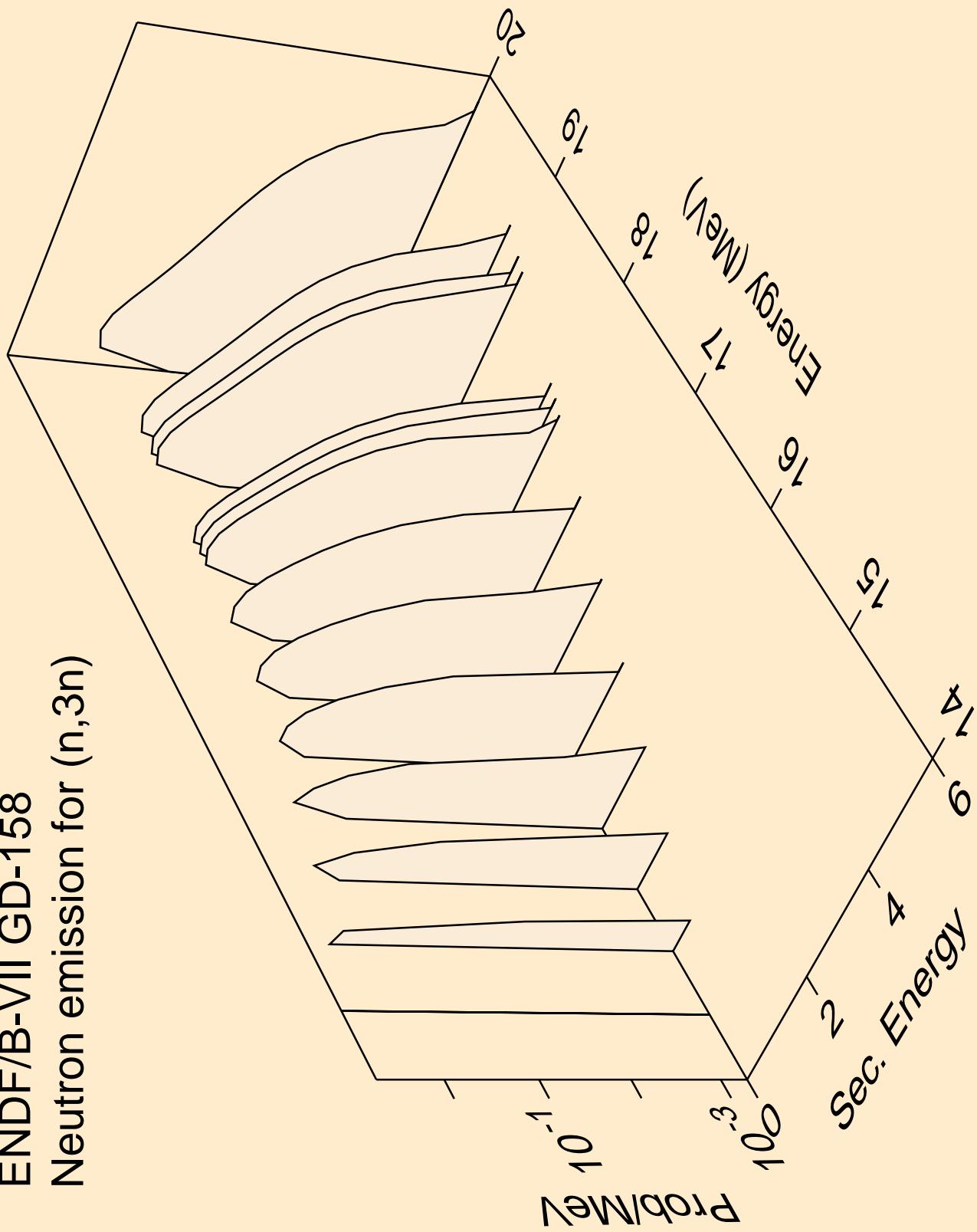
ENDF/B-VII GD-158

Neutron emission for $(n,2n)$



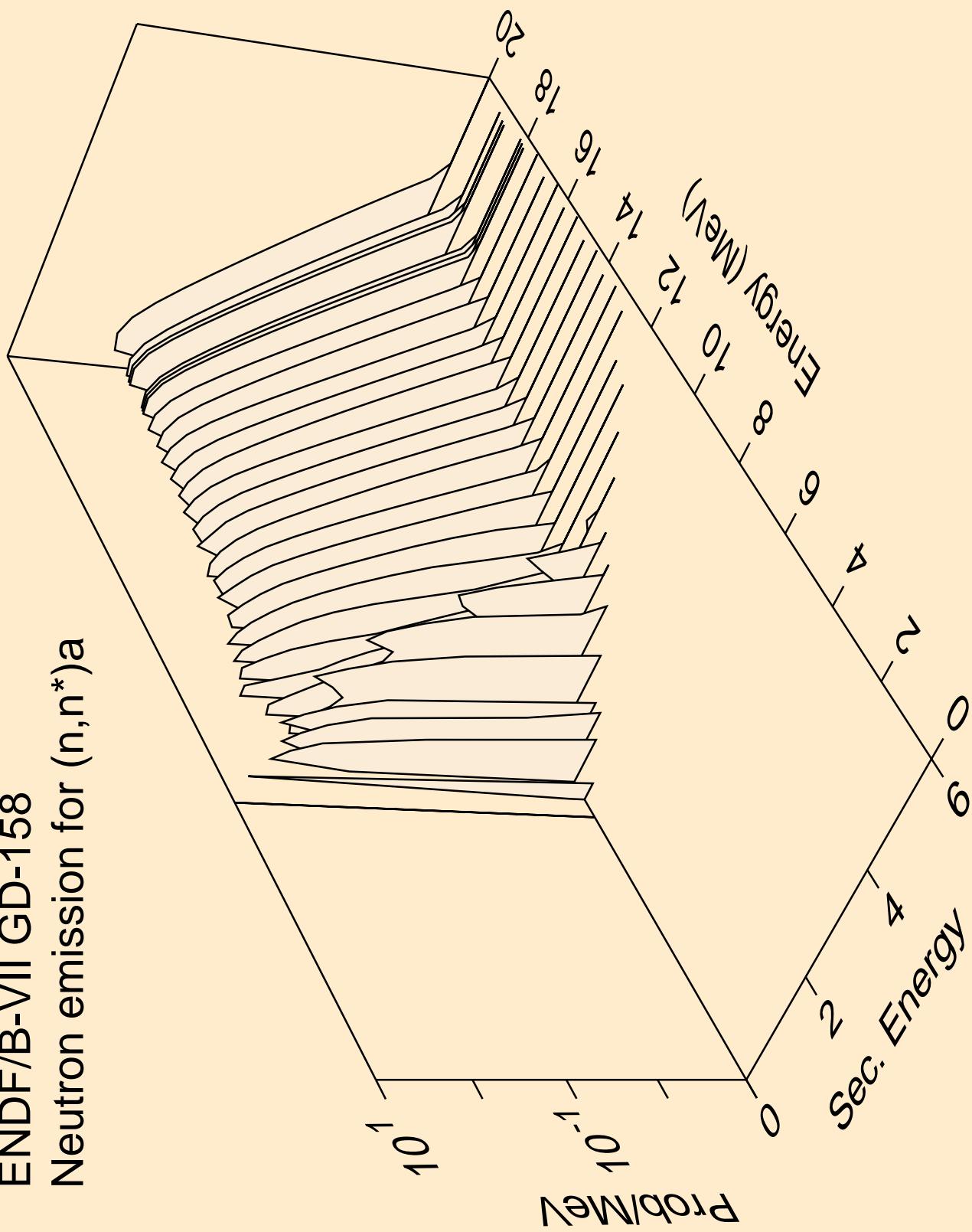
ENDF/B-VII GD-158

Neutron emission for $(n, 3n)$



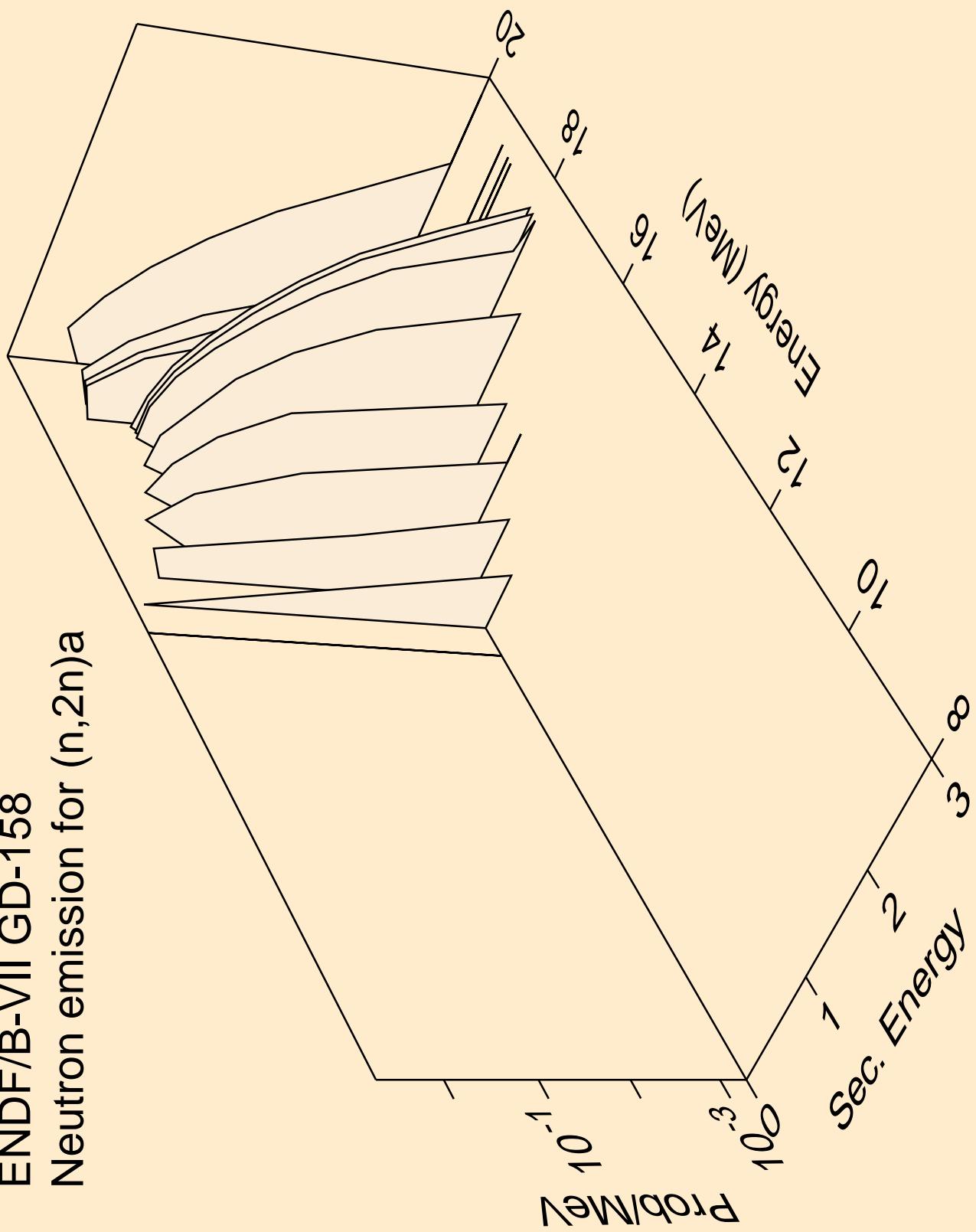
ENDF/B-VII GD-158

Neutron emission for $(n, n^*)a$



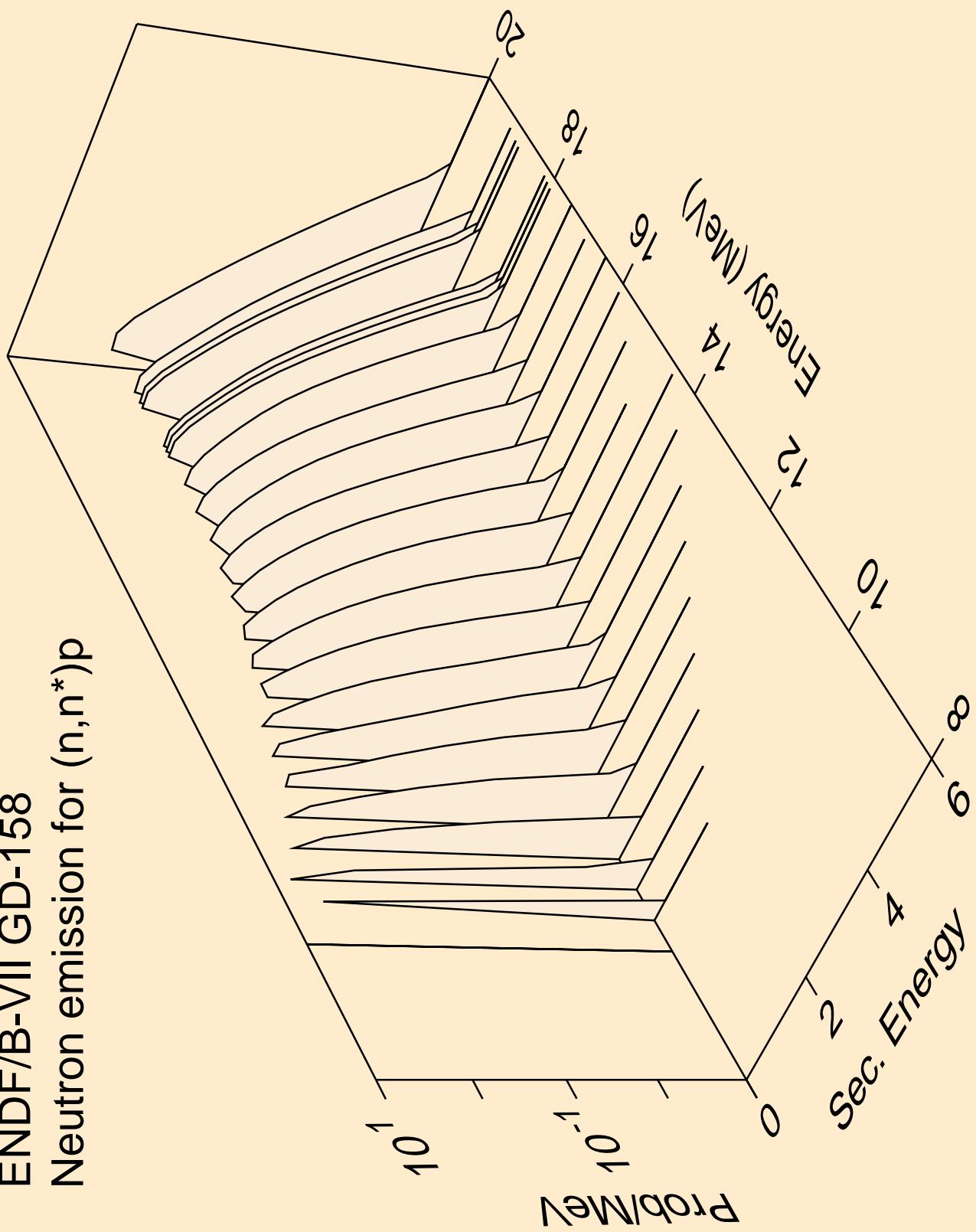
ENDF/B-VII GD-158

Neutron emission for $(n,2n)a$



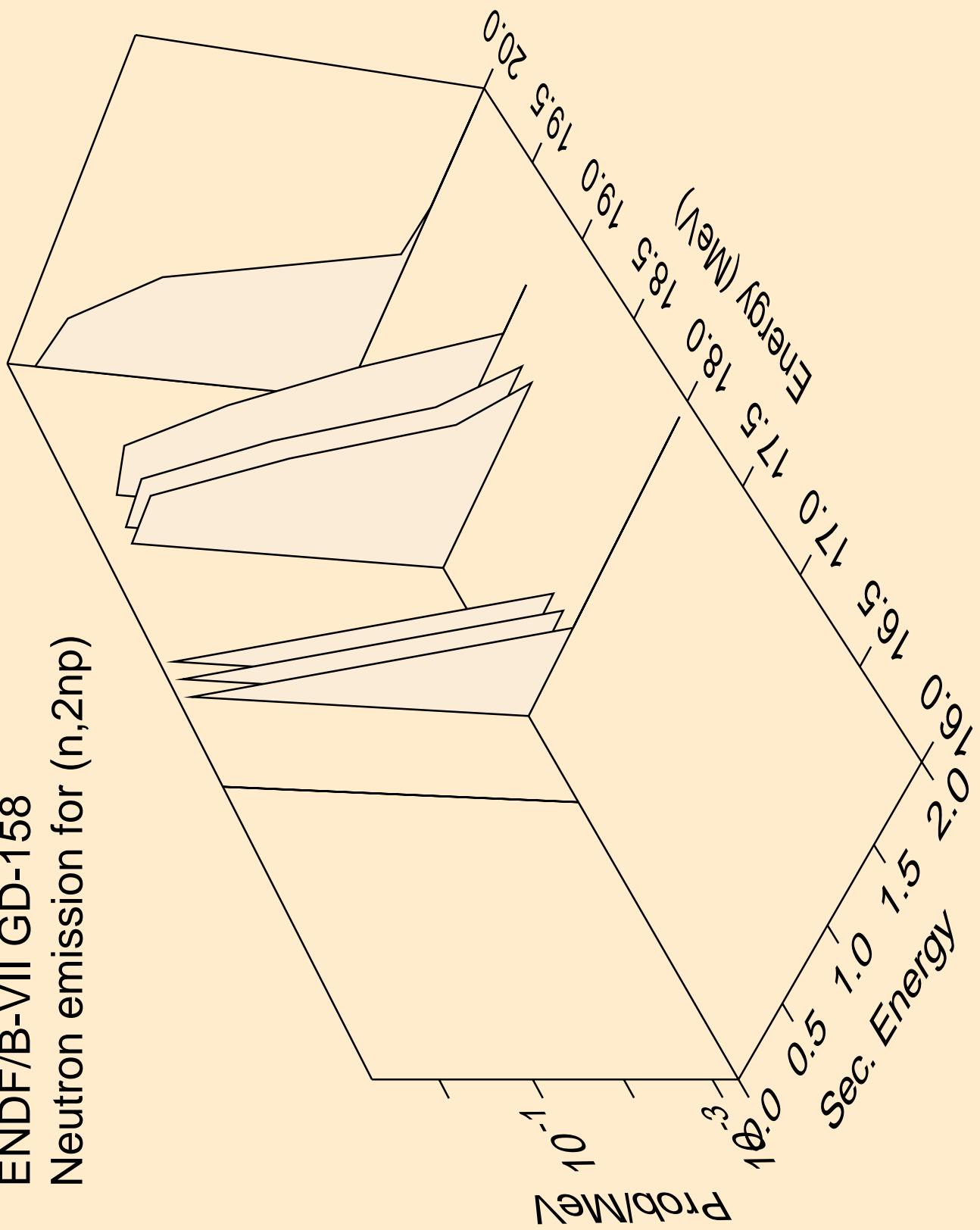
ENDF/B-VII GD-158

Neutron emission for $(n, n^*)p$



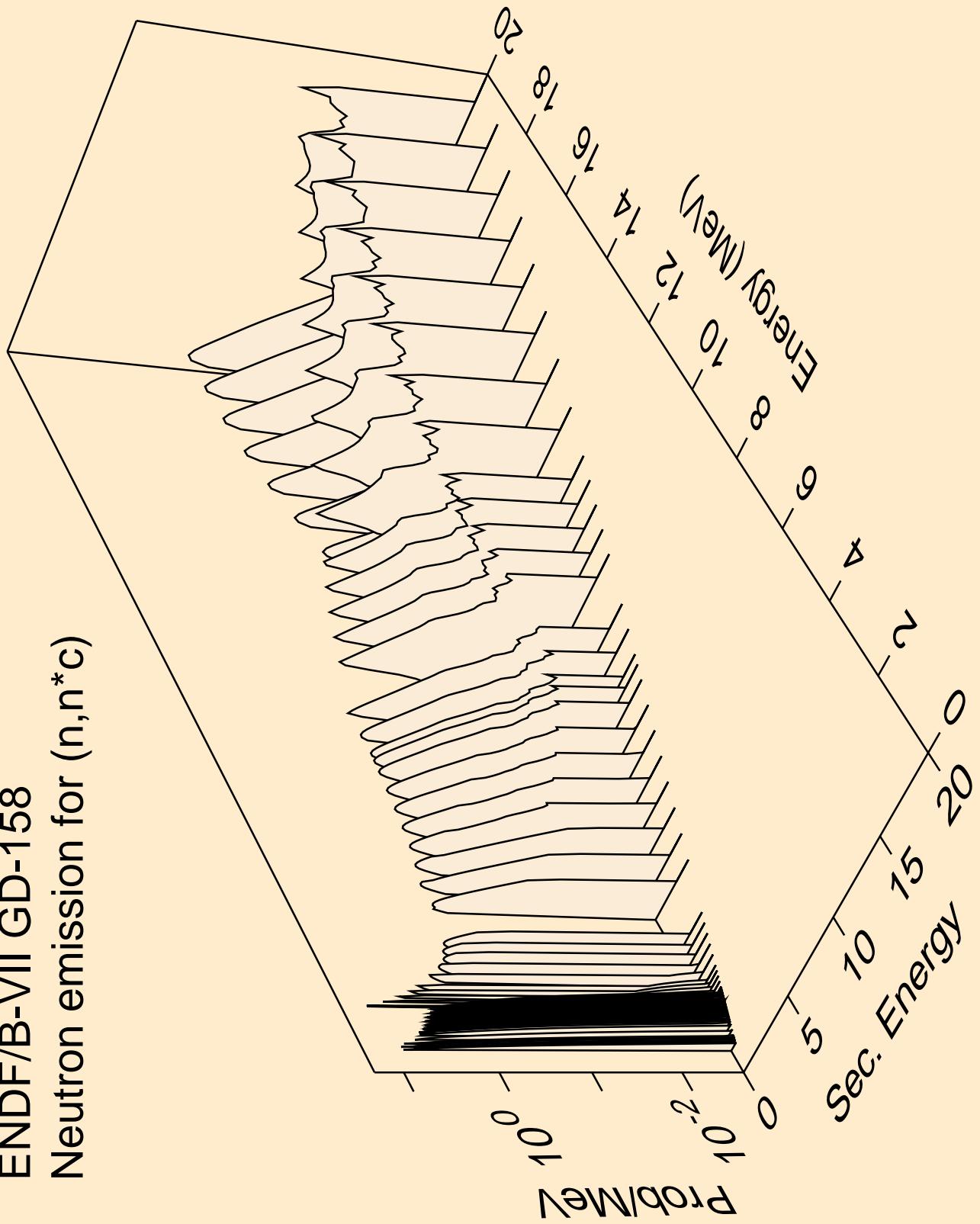
ENDF/B-VII GD-158

Neutron emission for $(n,2np)$

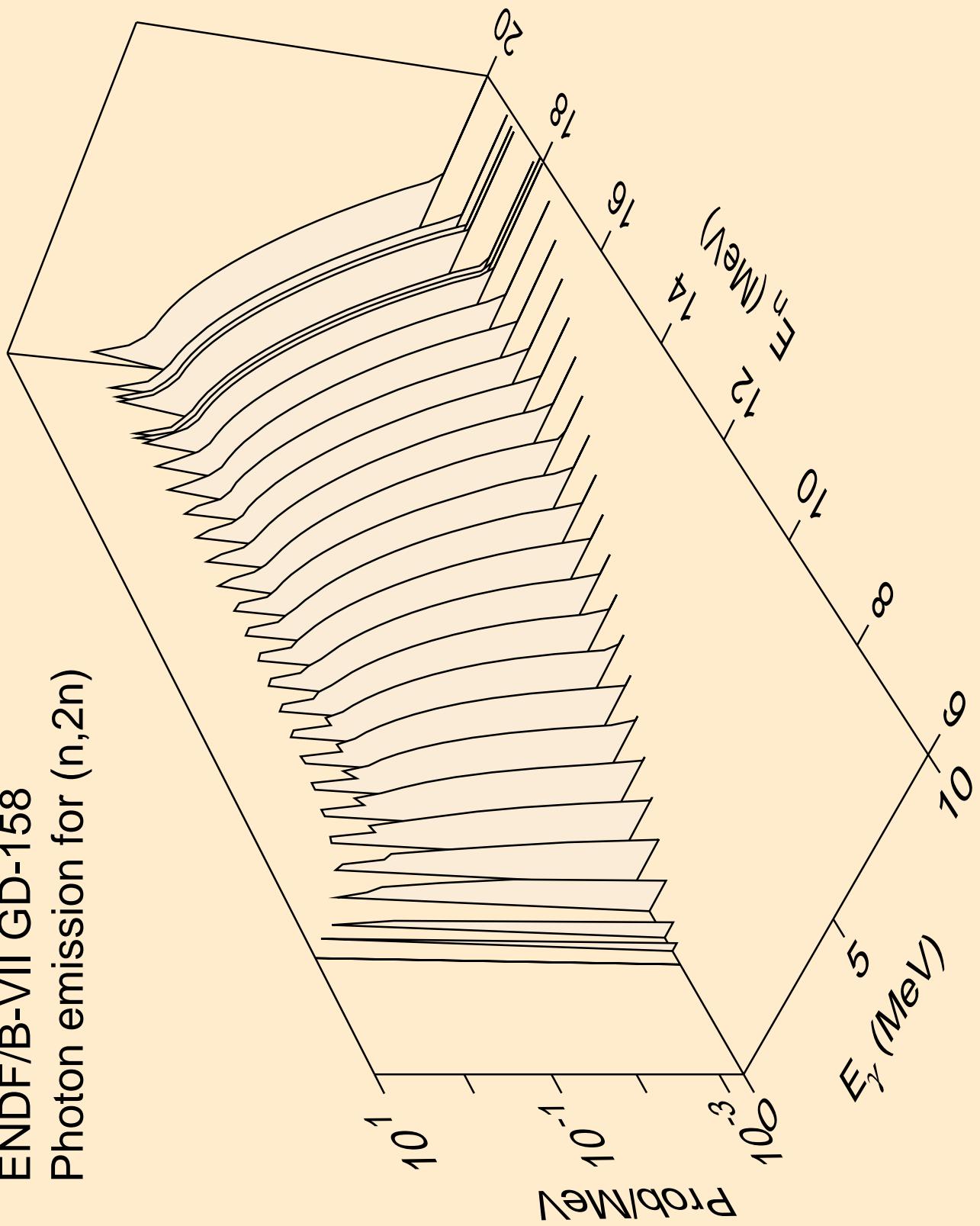


ENDF/B-VII GD-158

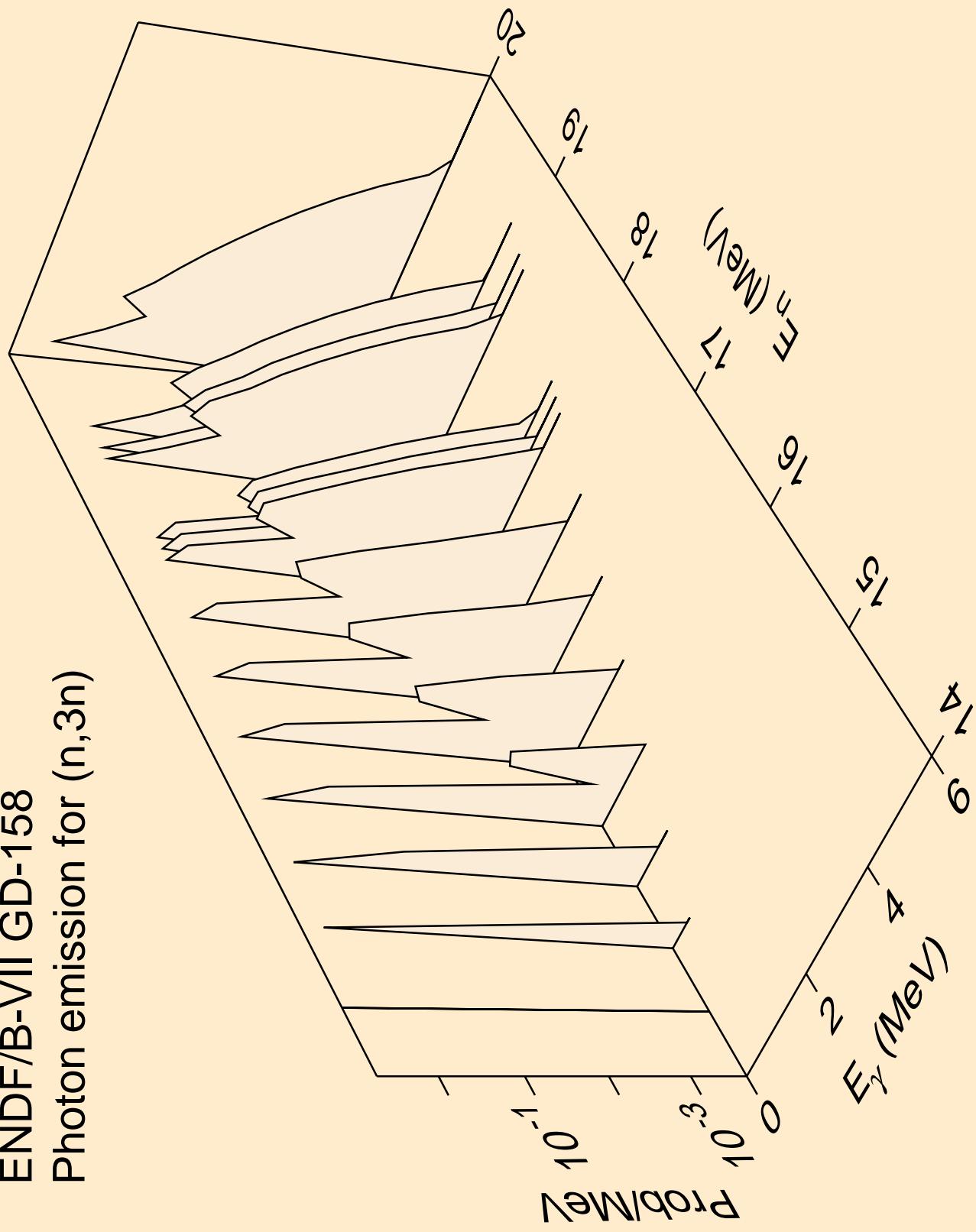
Neutron emission for $(n, n^* c)$



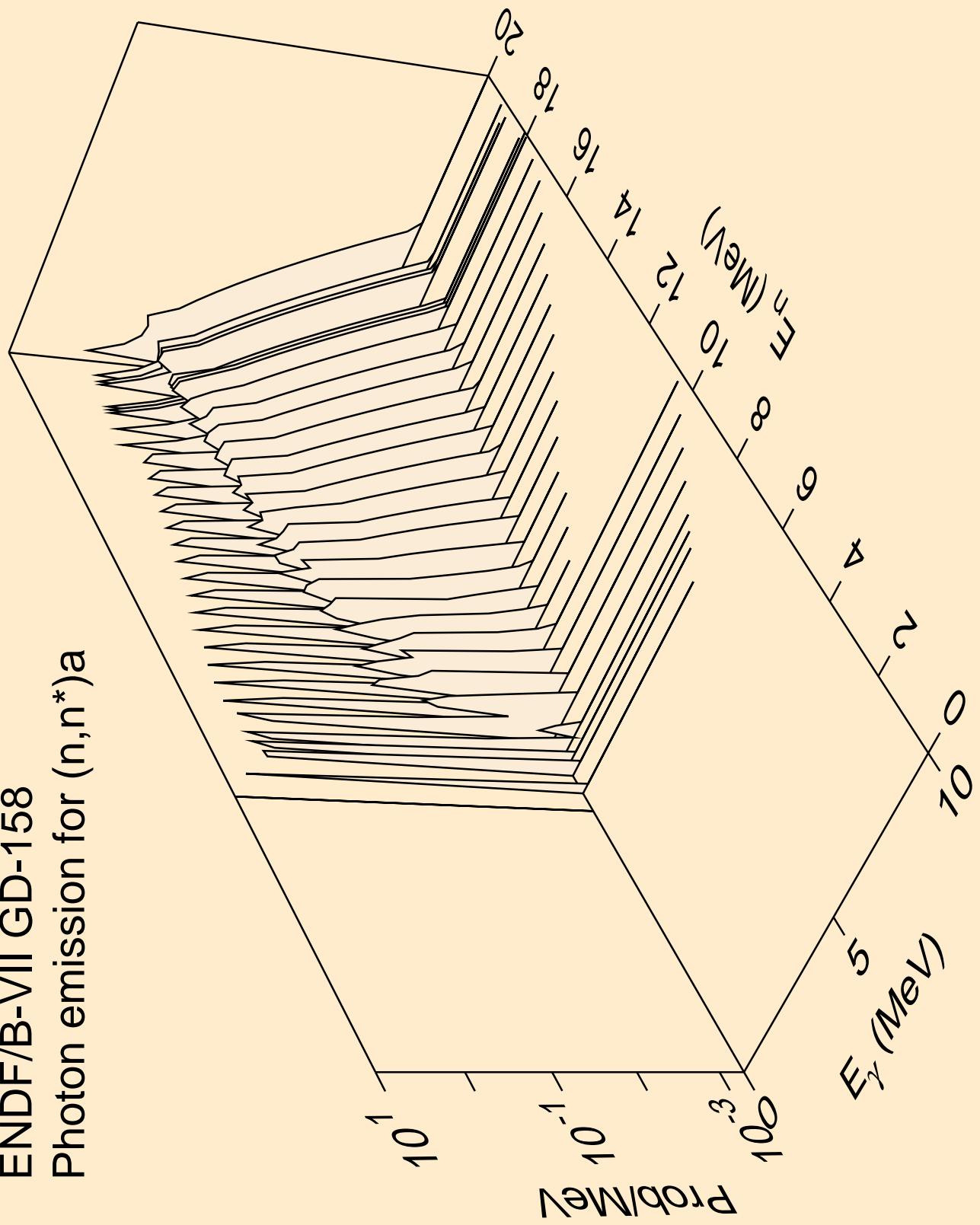
ENDF/B-VII GD-158
Photon emission for $(n,2n)$



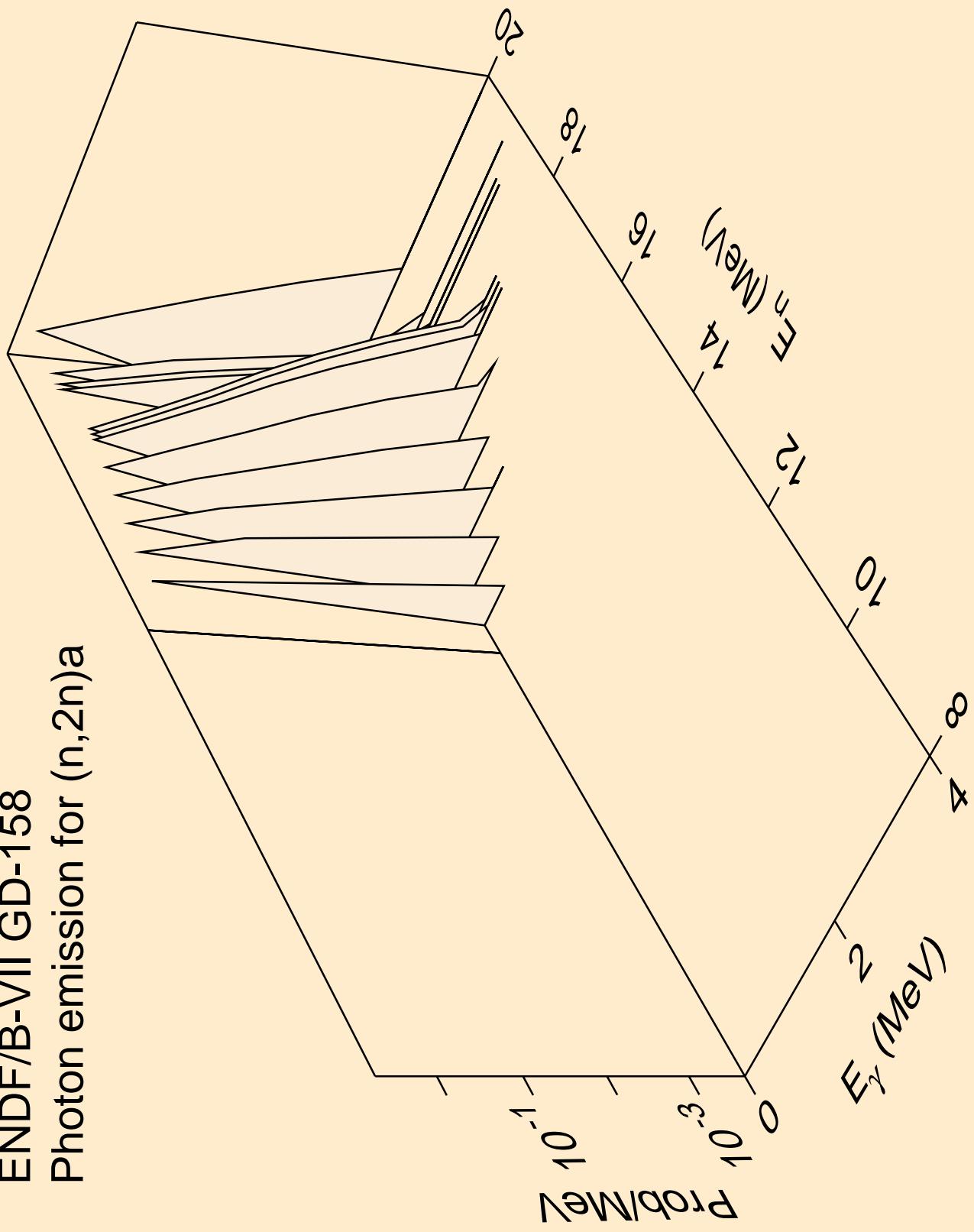
ENDF/B-VII GD-158
Photon emission for $(n,3n)$



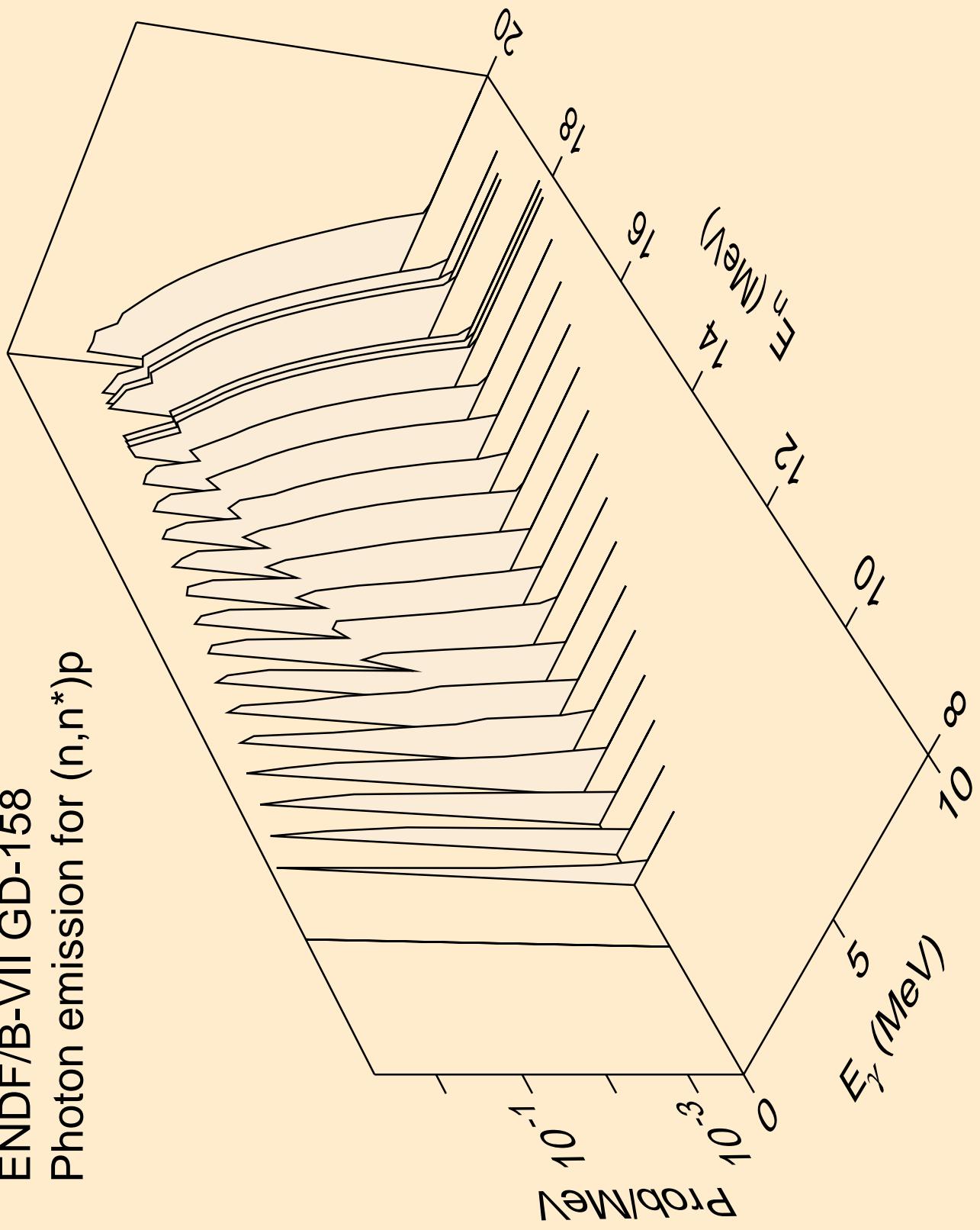
ENDF/B-VII GD-158
Photon emission for $(n, n^*)\alpha$



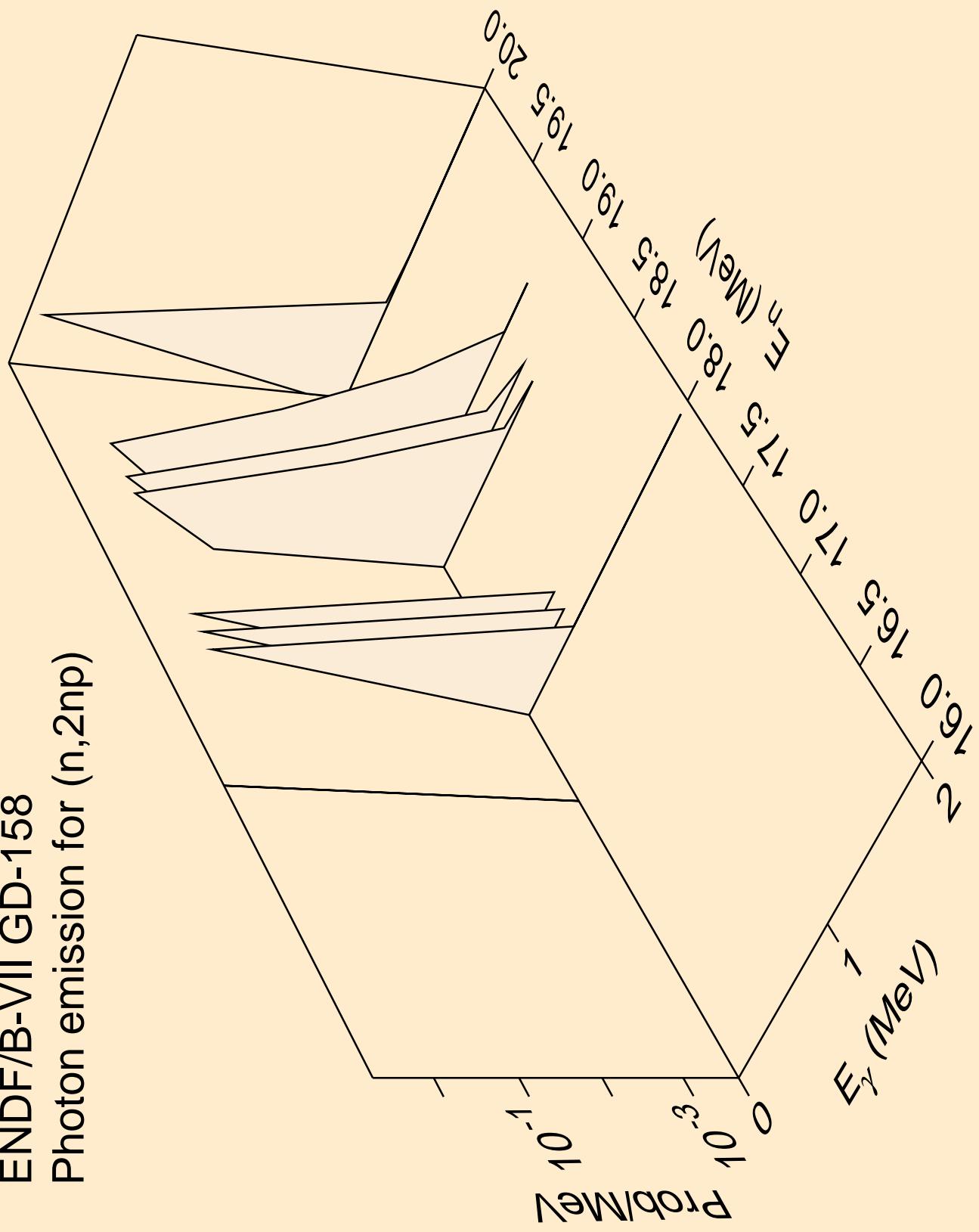
ENDF/B-VII GD-158
Photon emission for $(n,2n)a$



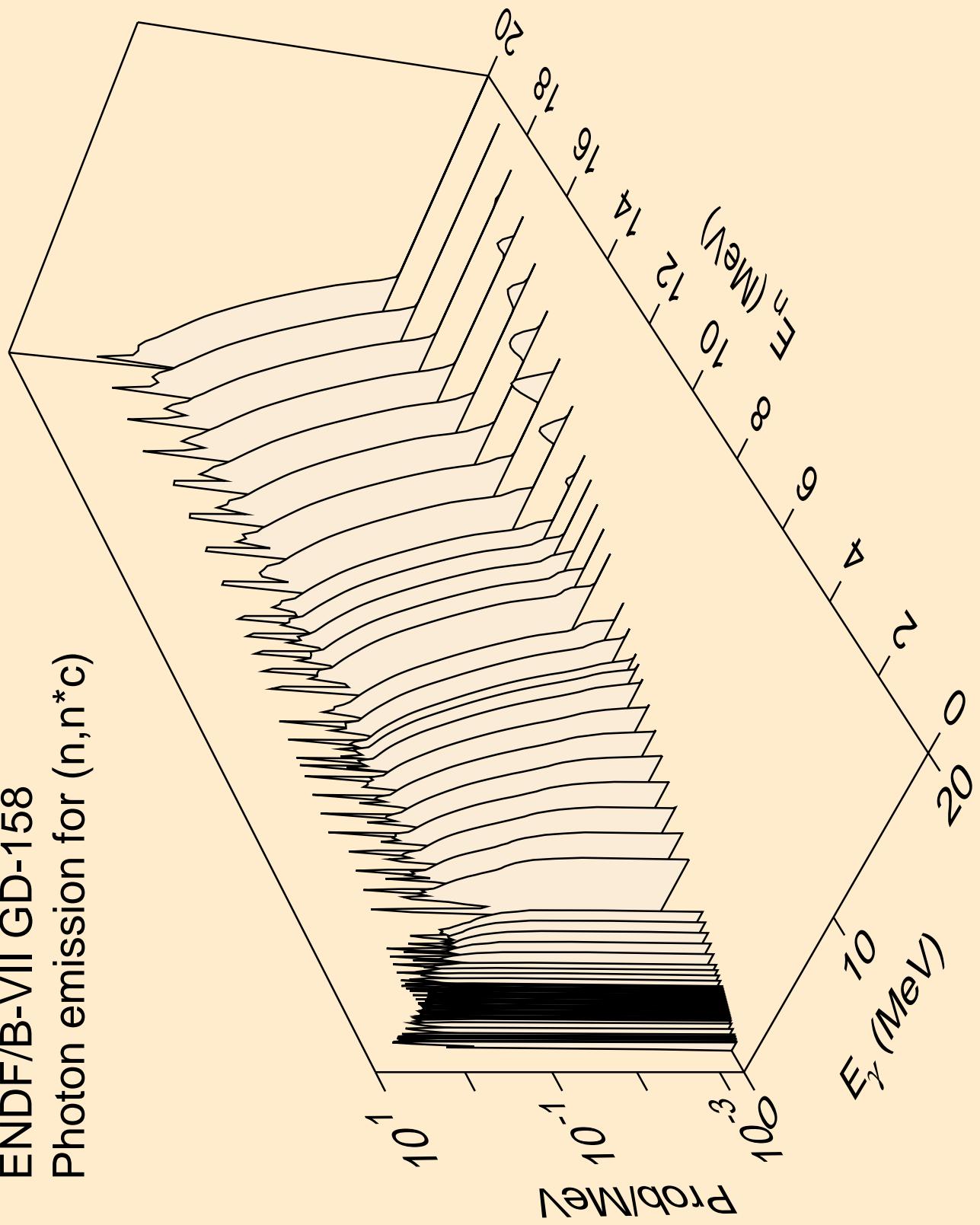
ENDF/B-VII GD-158
Photon emission for $(n, n^*)p$



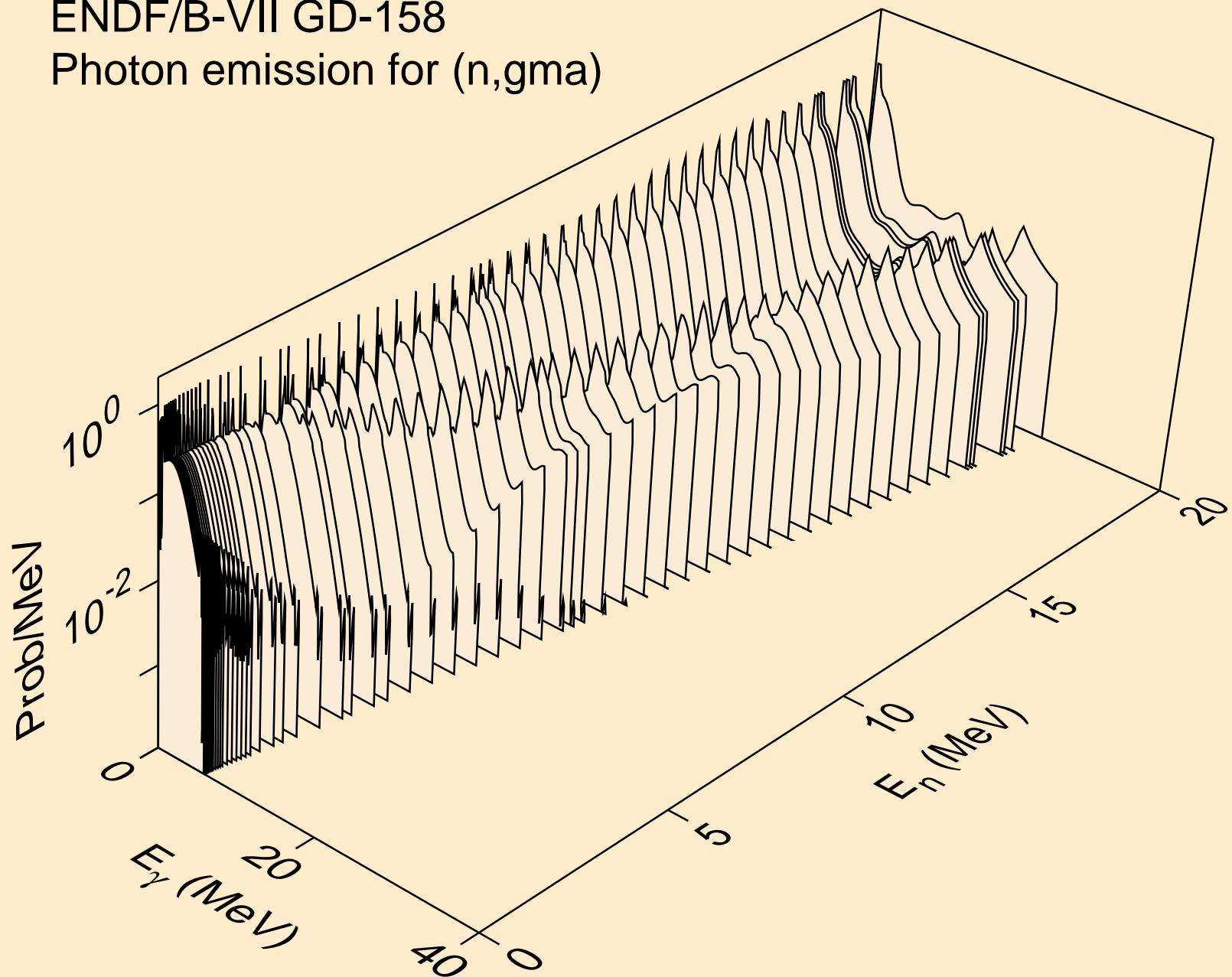
ENDF/B-VII GD-158
Photon emission for ($n, 2np$)



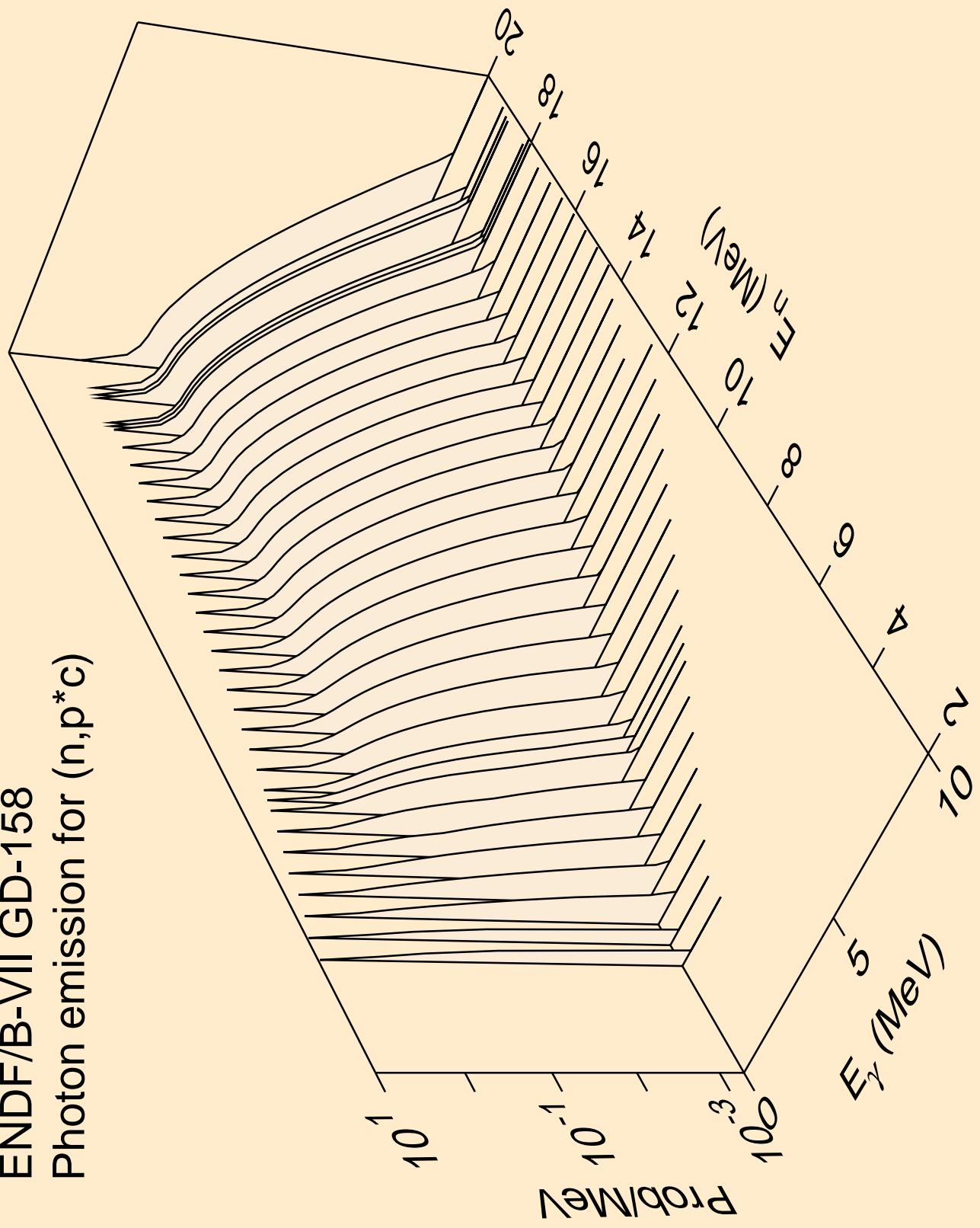
ENDF/B-VII GD-158
Photon emission for (n, n^*c)



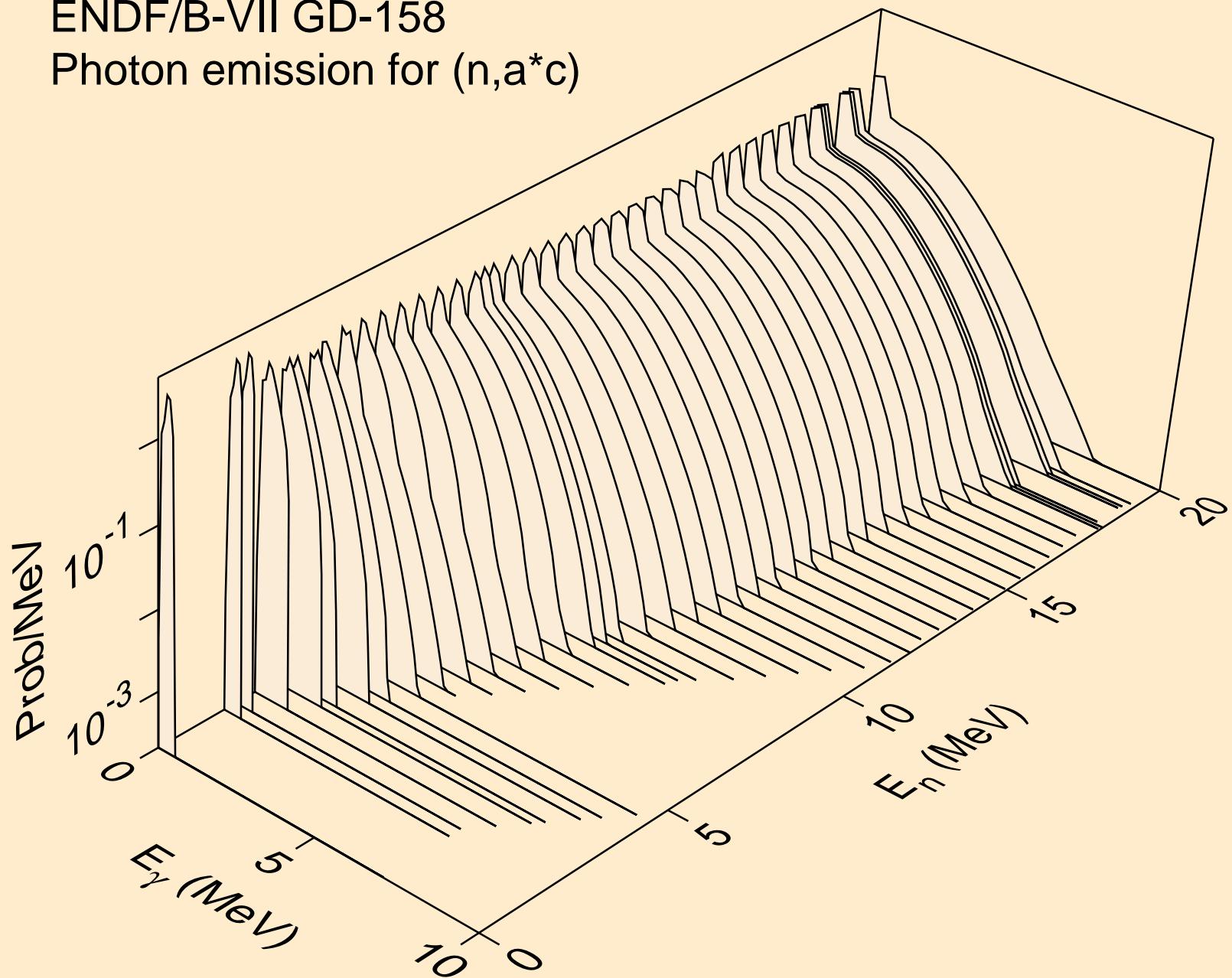
ENDF/B-VII GD-158
Photon emission for (n,gma)



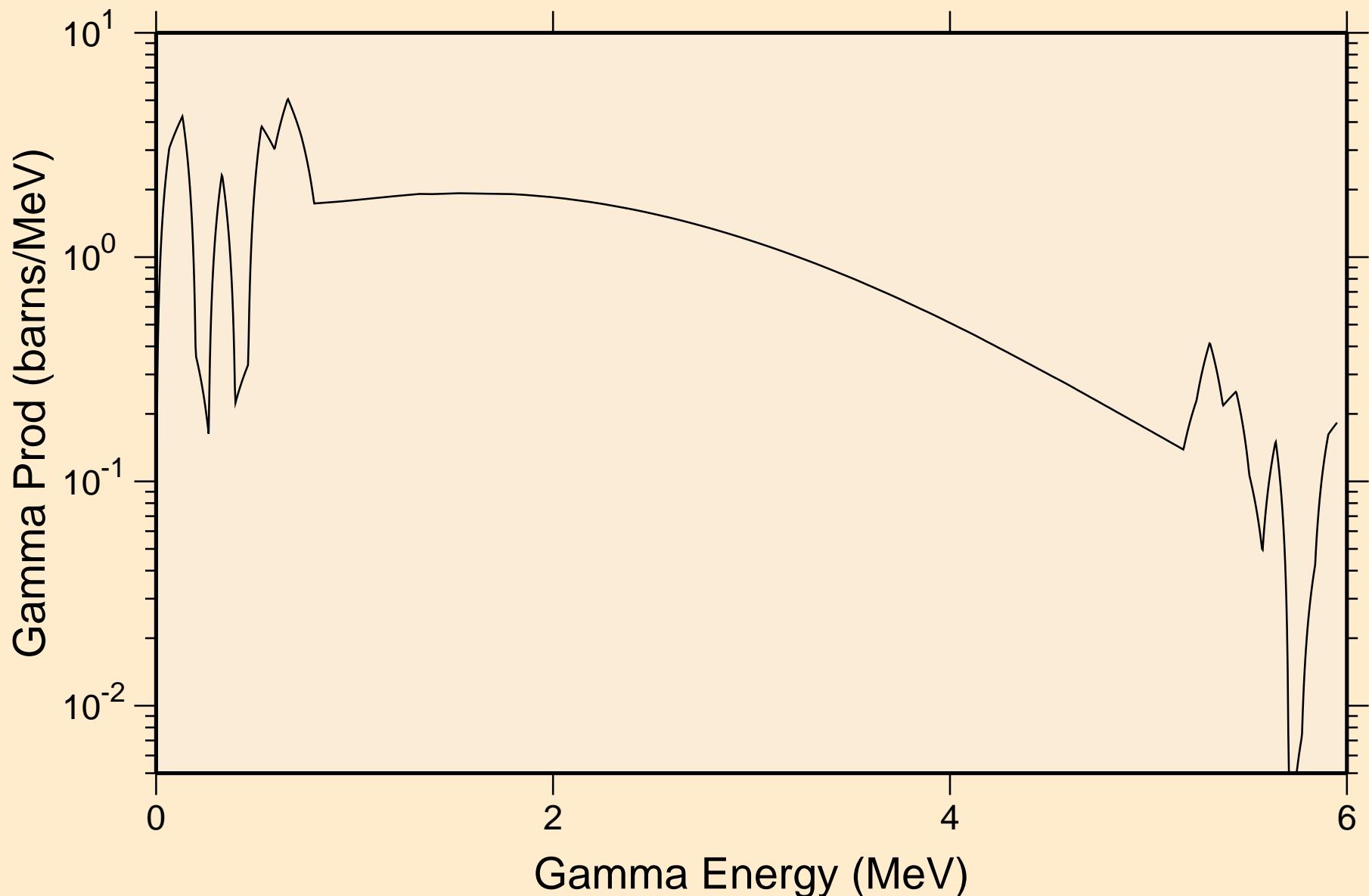
ENDF/B-VII GD-158
Photon emission for $(n, p^* c)$



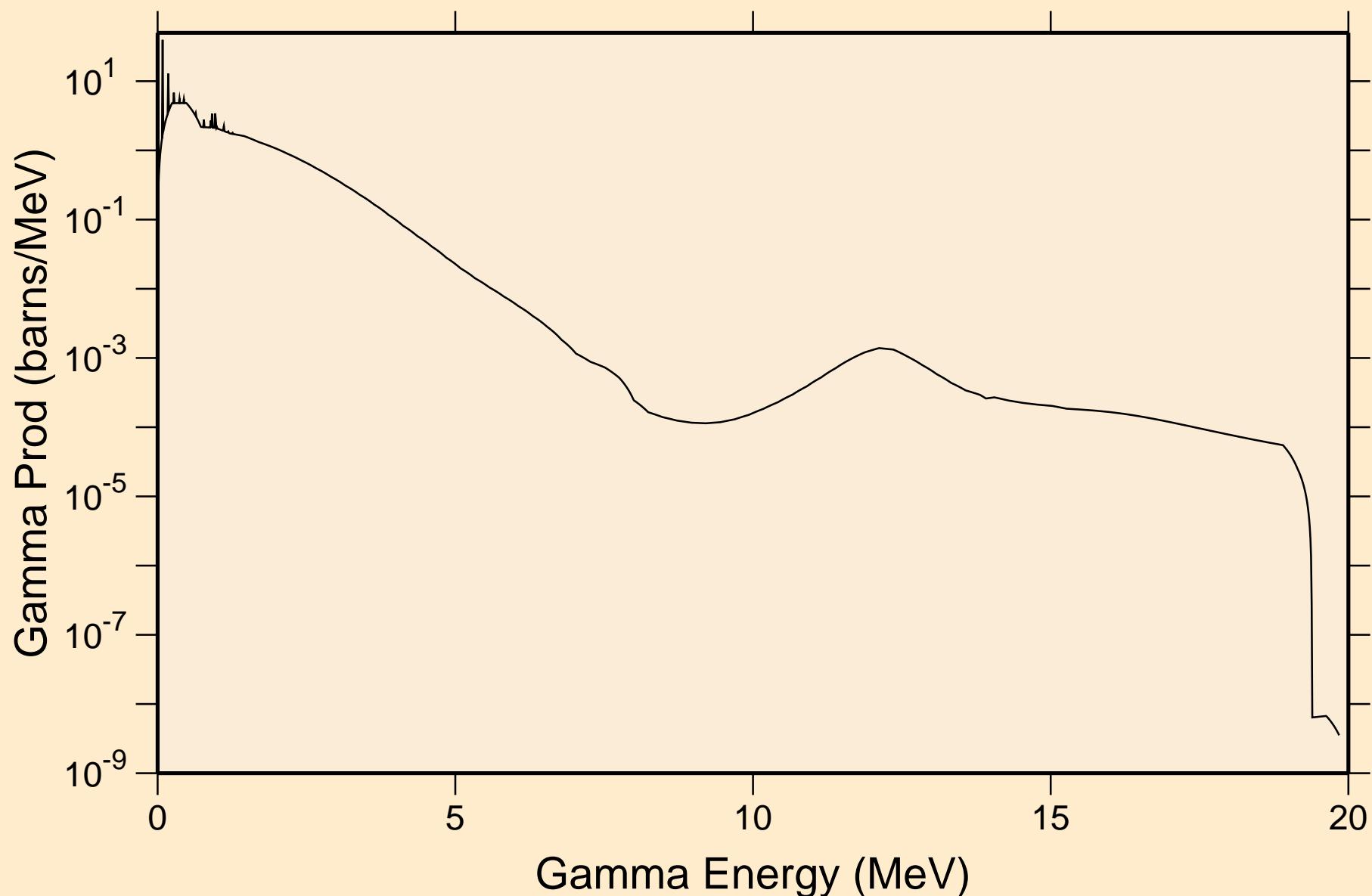
ENDF/B-VII GD-158
Photon emission for (n, a^*c)



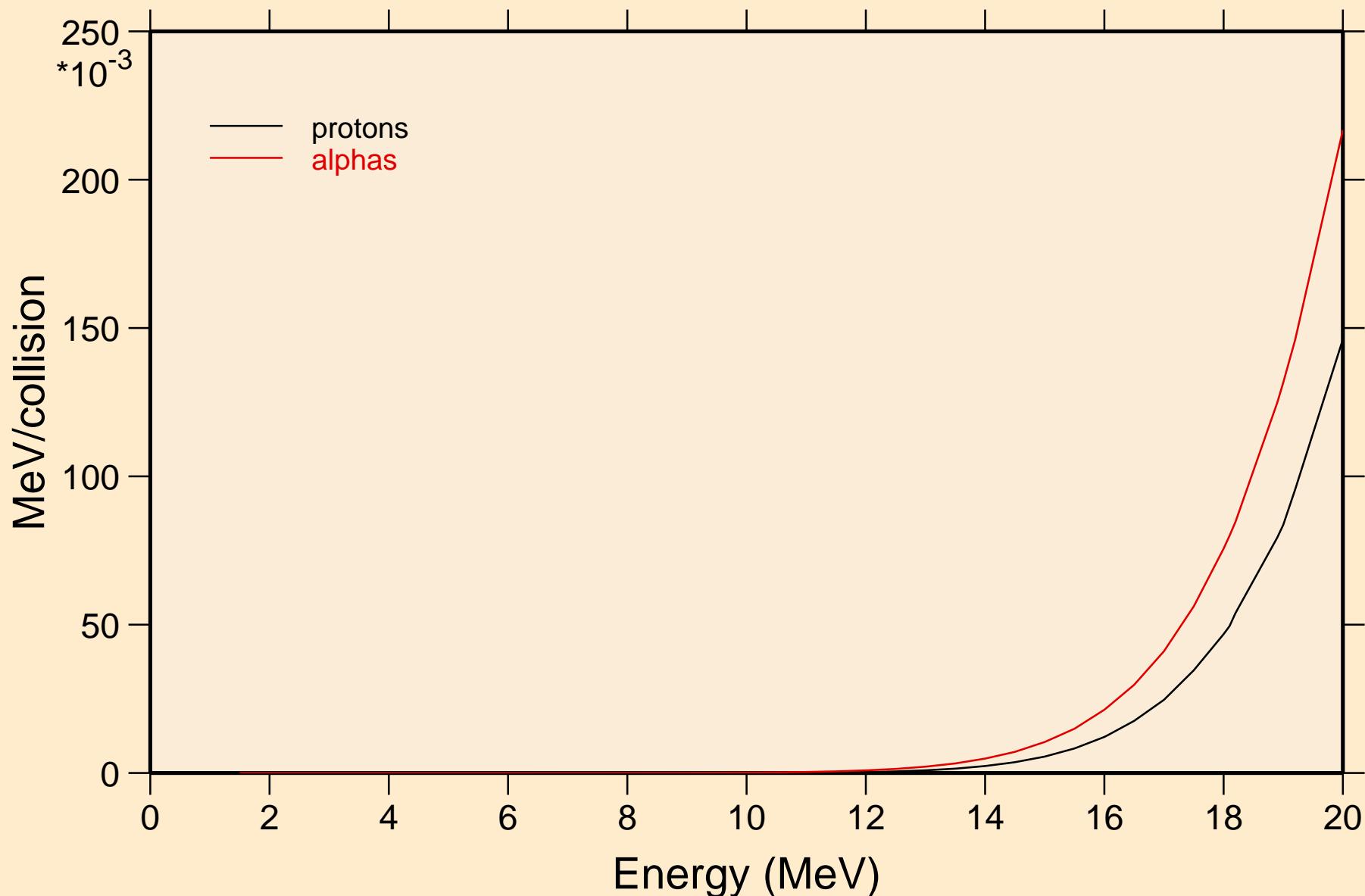
ENDF/B-VII GD-158
thermal capture photon spectrum



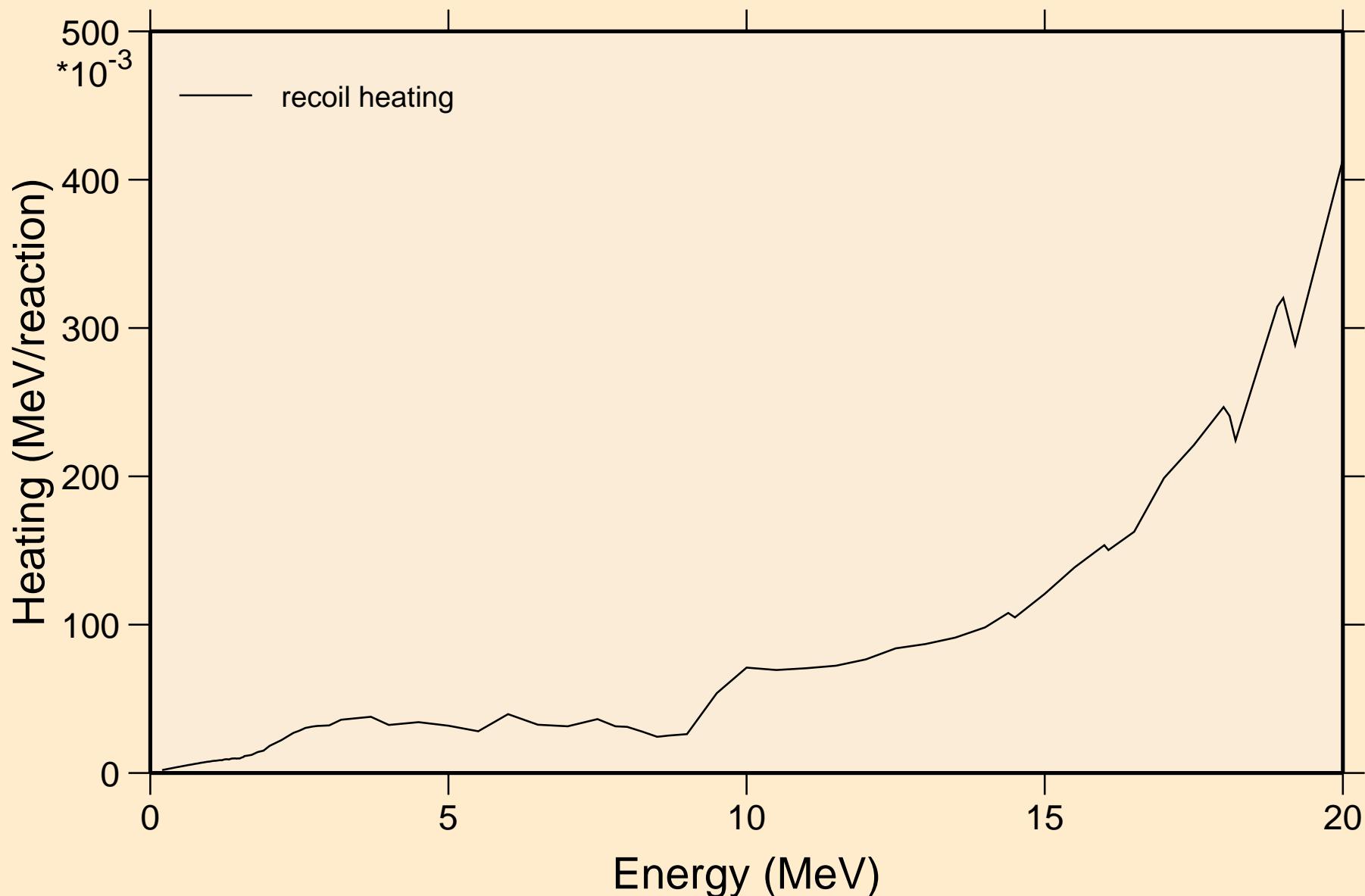
ENDF/B-VII GD-158
14 MeV photon spectrum



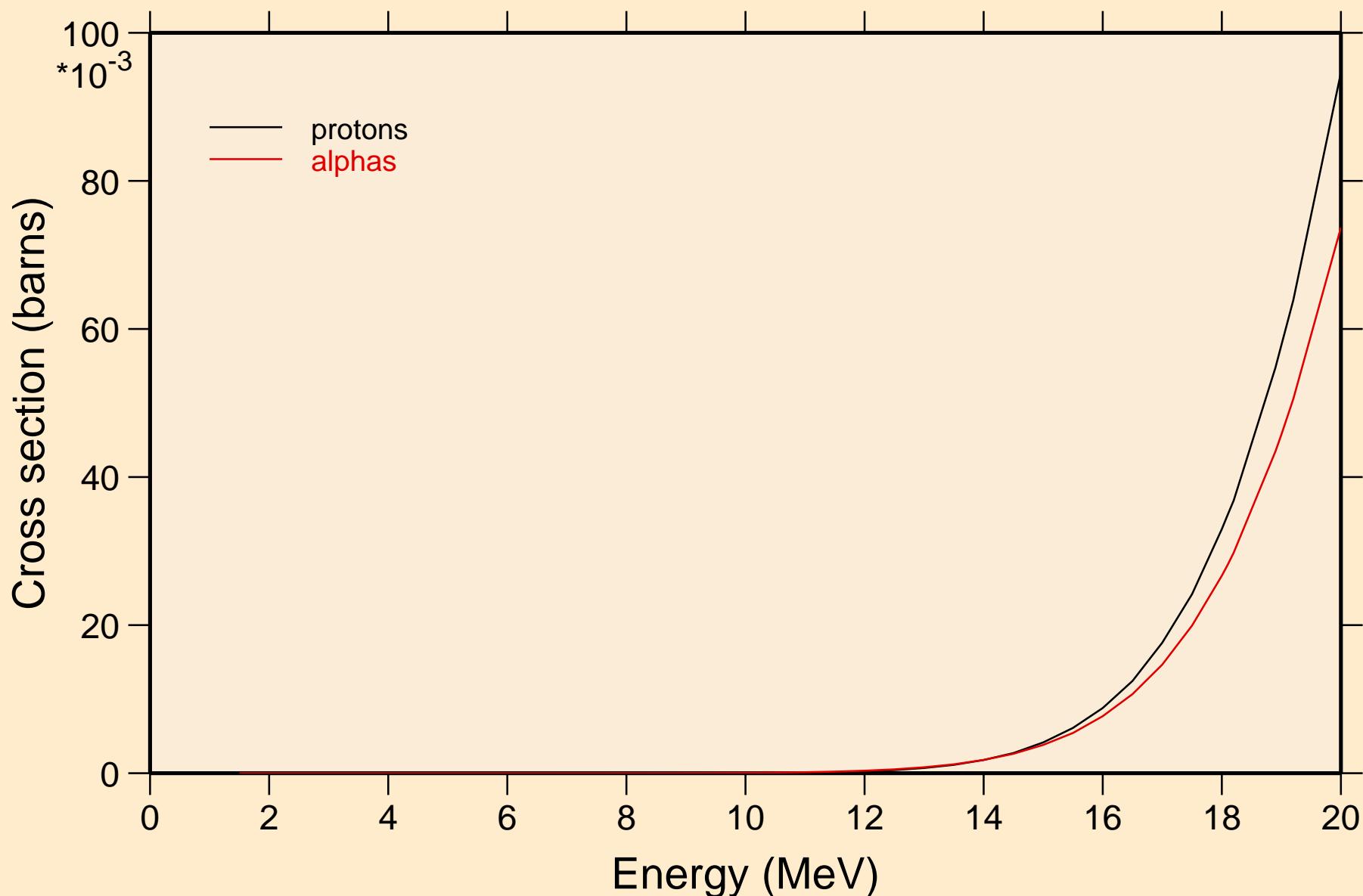
ENDF/B-VII GD-158
Particle heating contributions



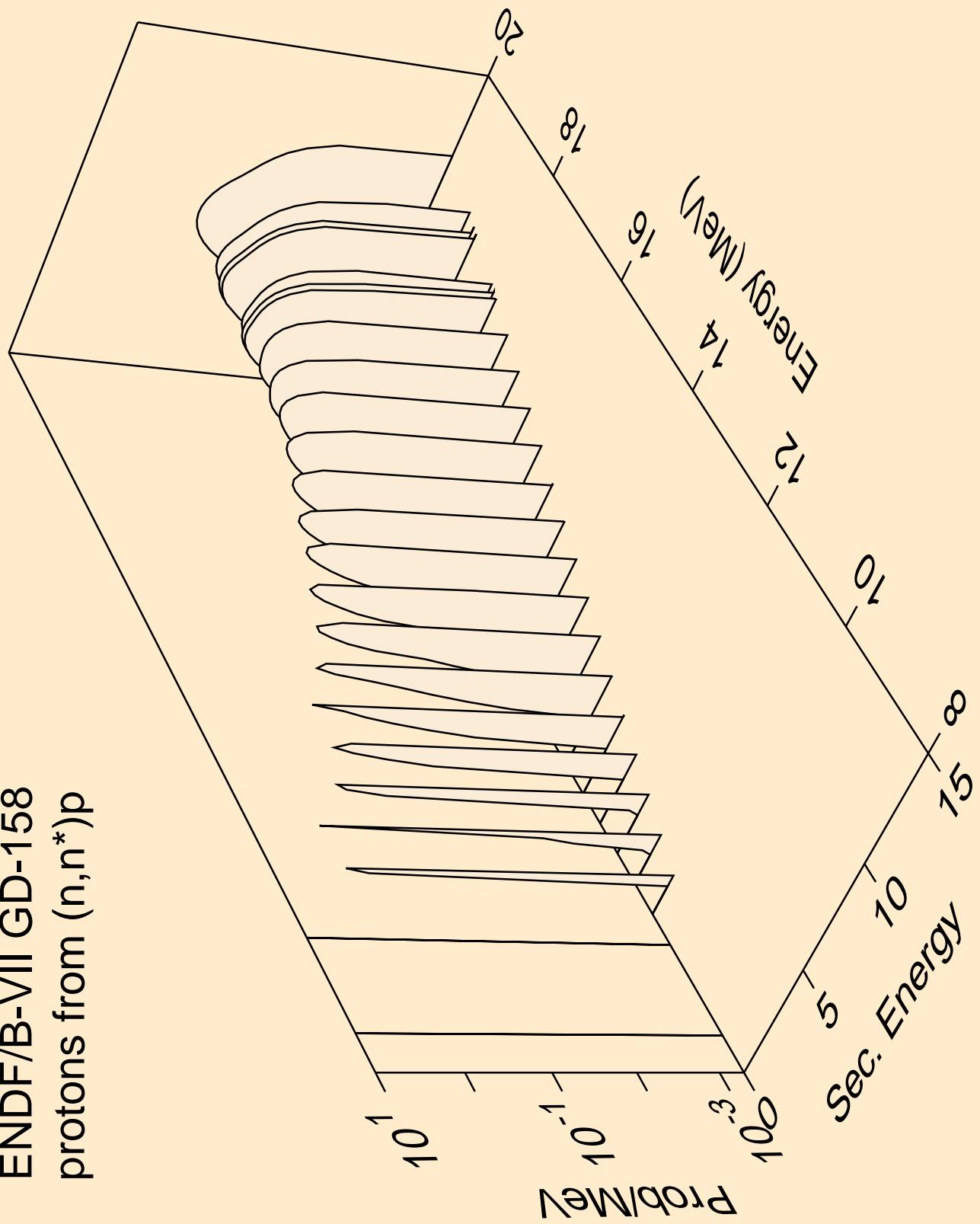
ENDF/B-VII GD-158
Recoil Heating



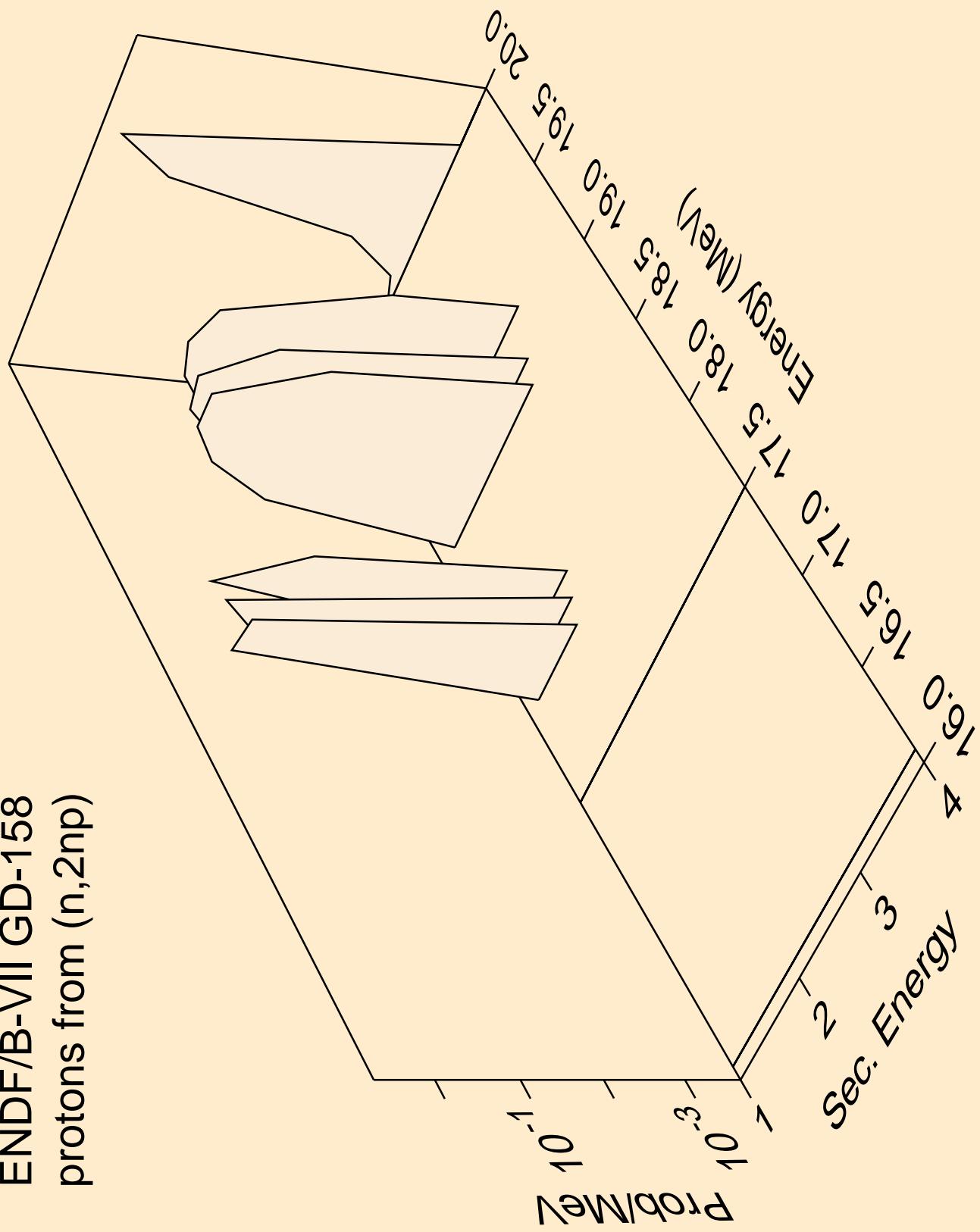
ENDF/B-VII GD-158
Particle production cross sections



ENDF/B-VII GD-158
protons from $(n, n^*)p$

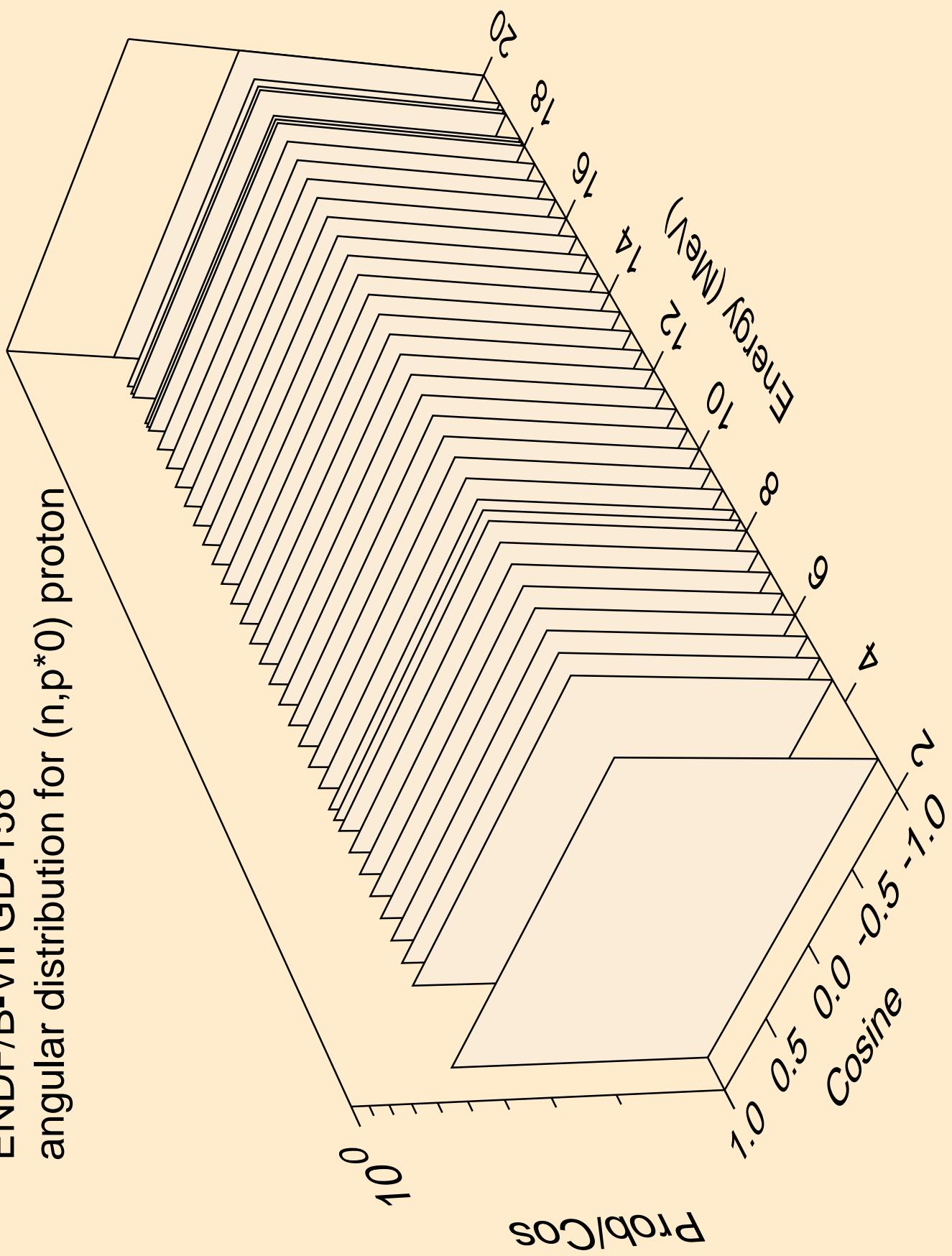


ENDF/B-VII GD-158
protons from ($n,2np$)

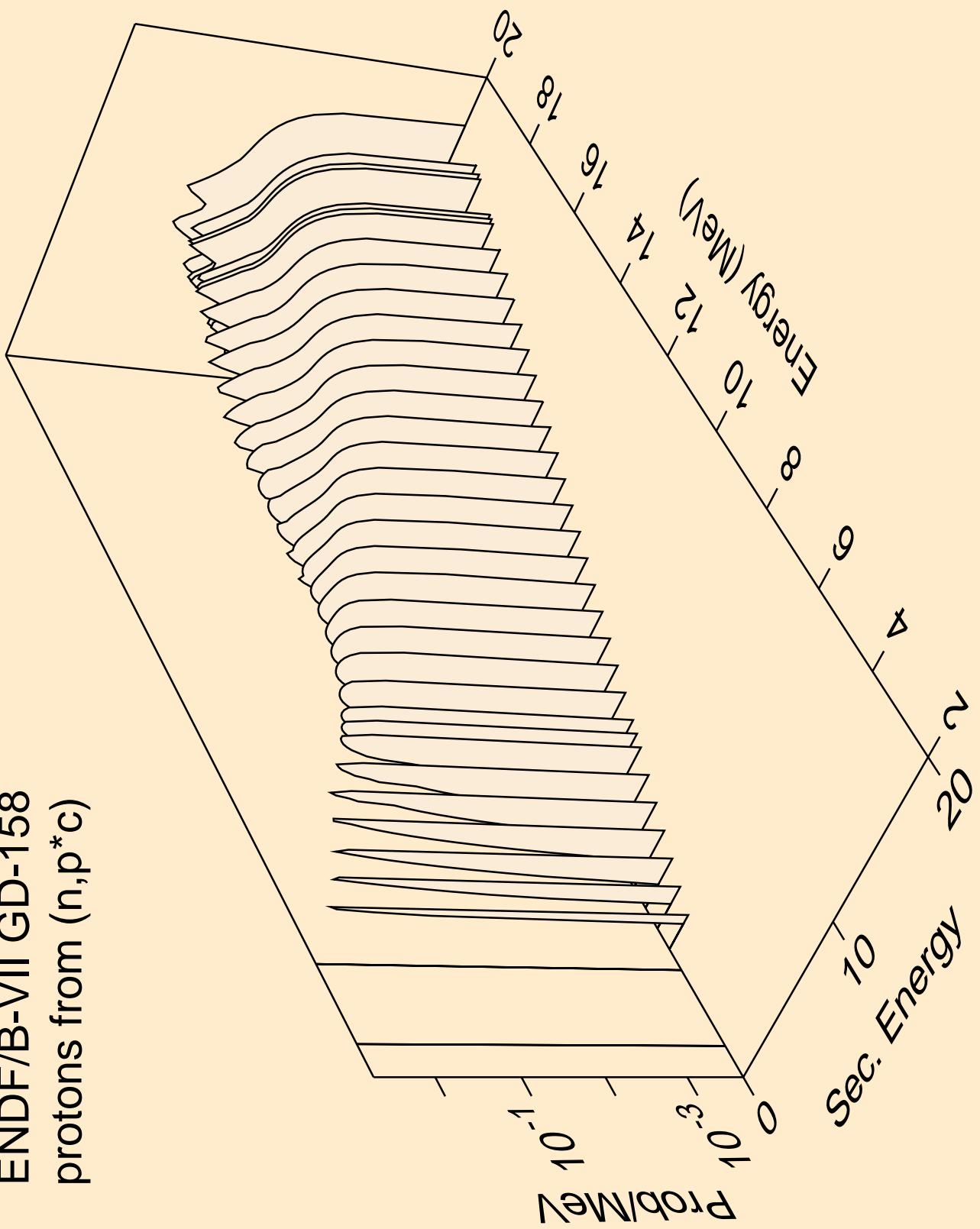


ENDF/B-VII GD-158

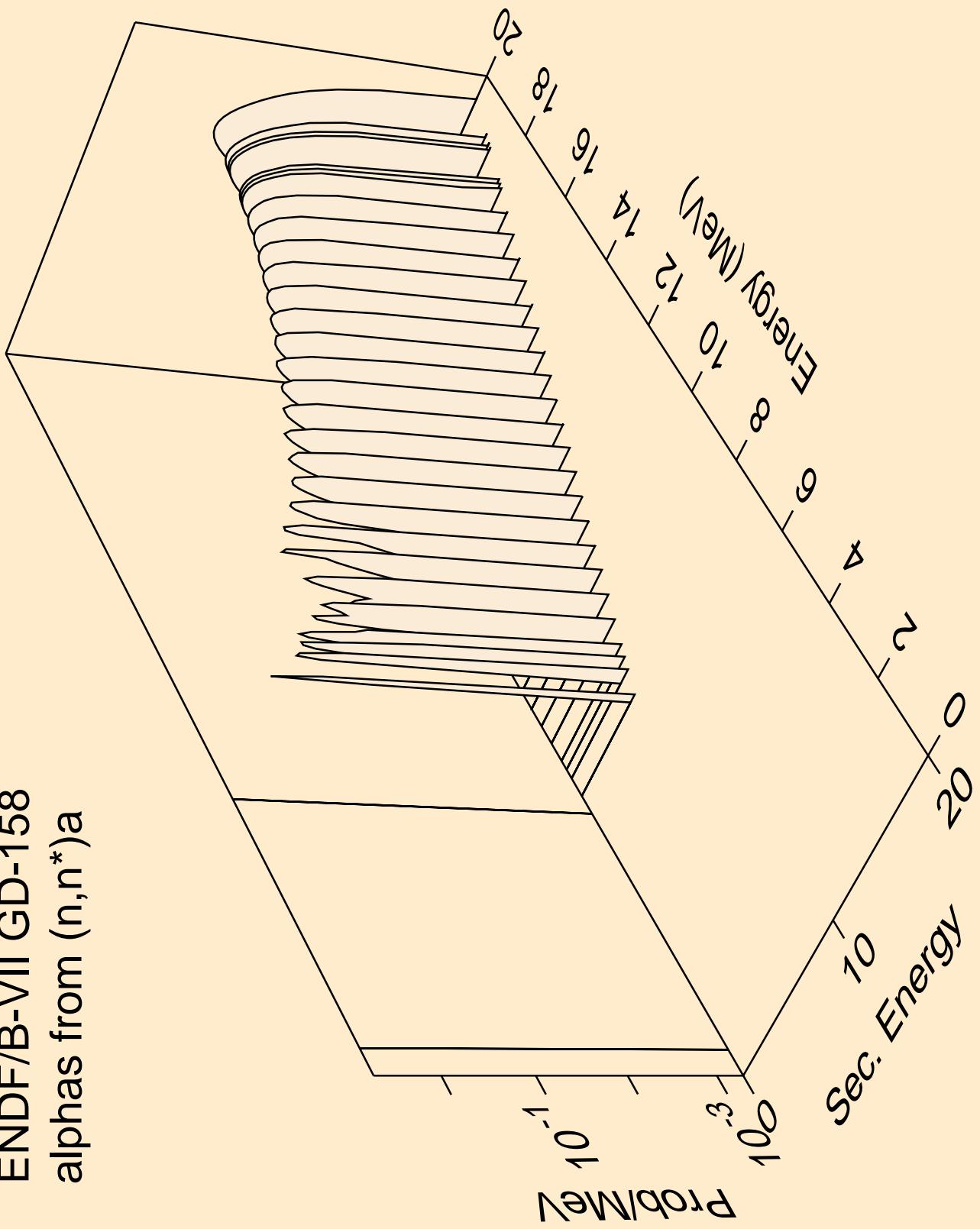
angular distribution for (n,p^*0) proton



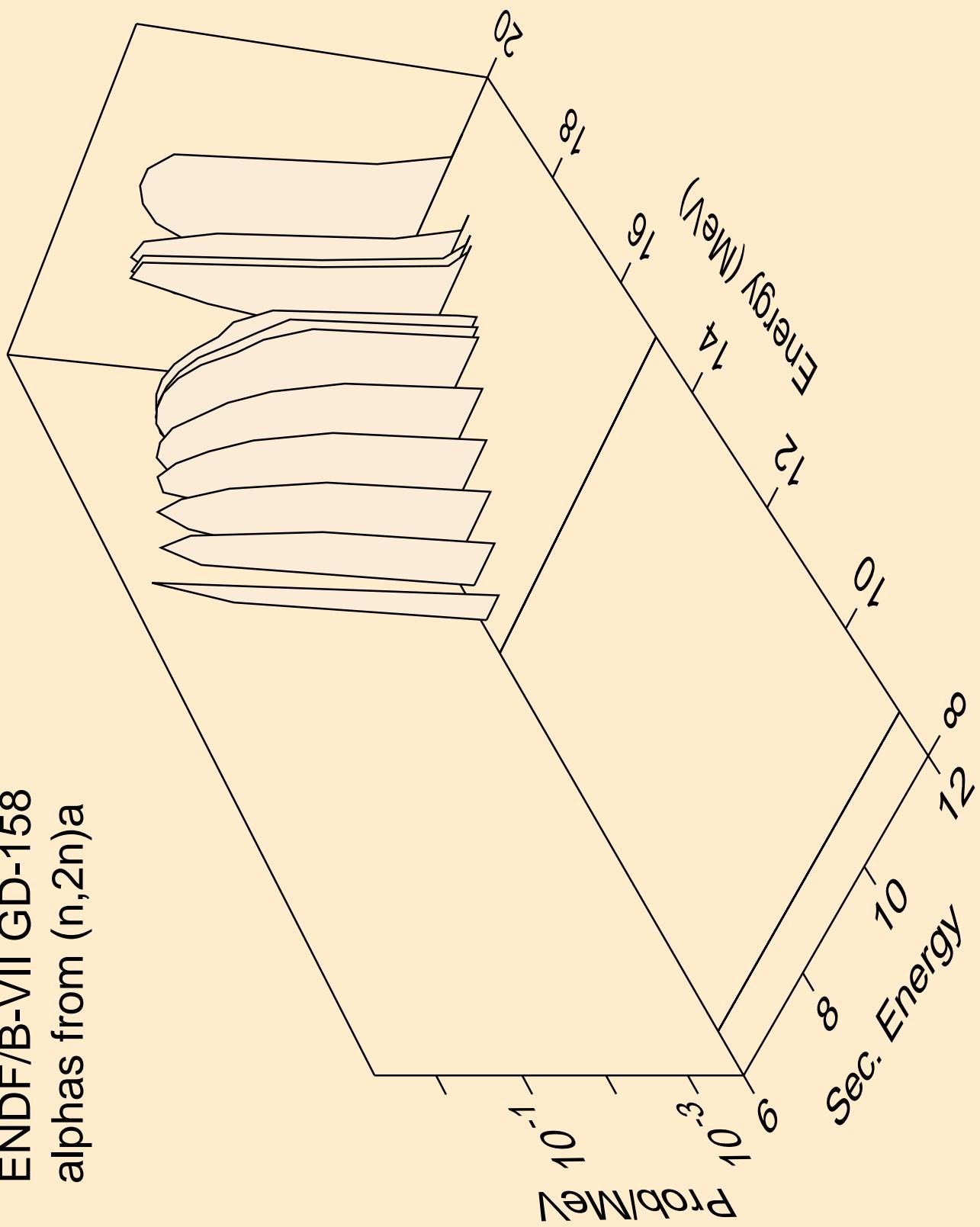
ENDF/B-VII GD-158
protons from (n, p^*c)



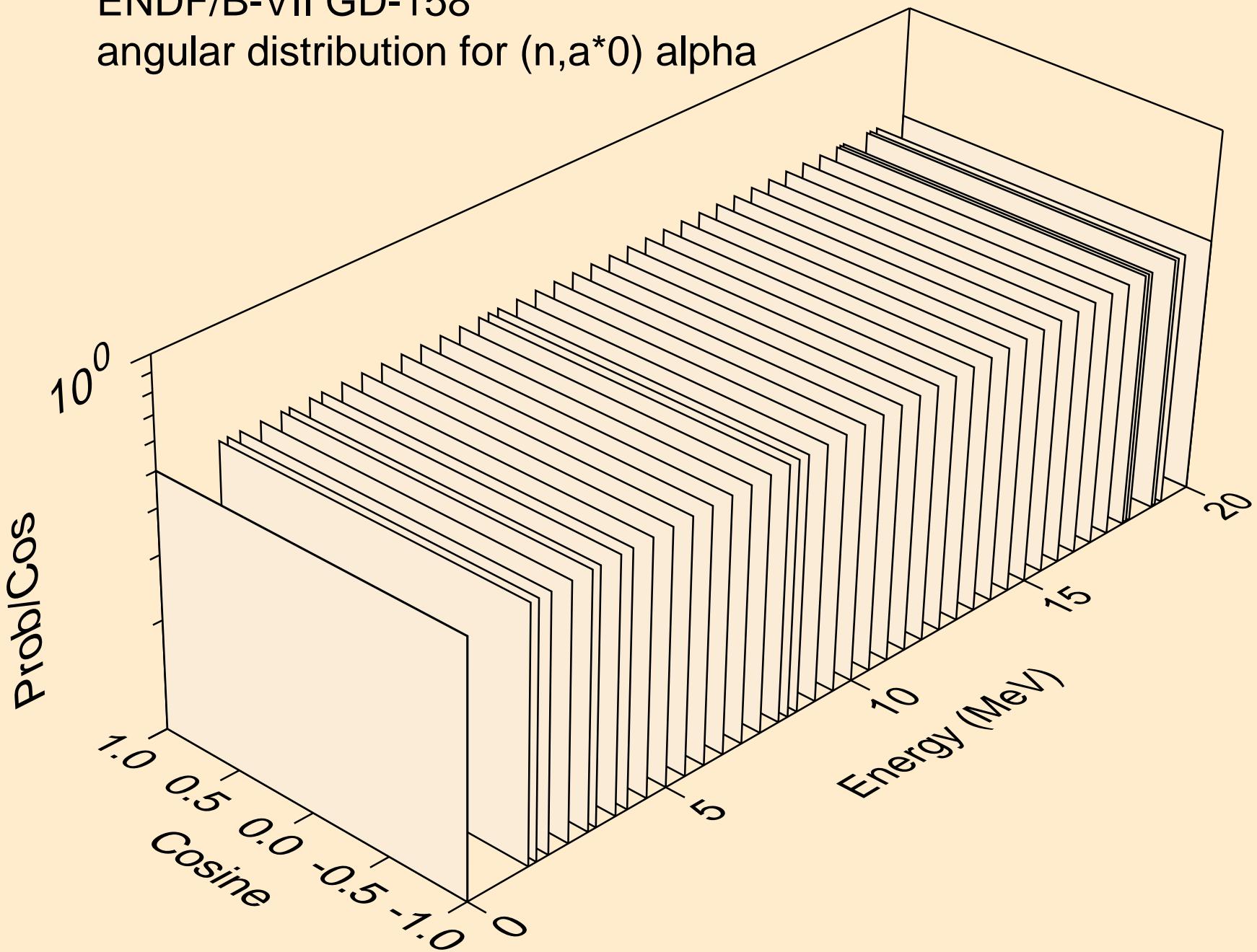
ENDF/B-VII GD-158
alphas from $(n, n^*)a$



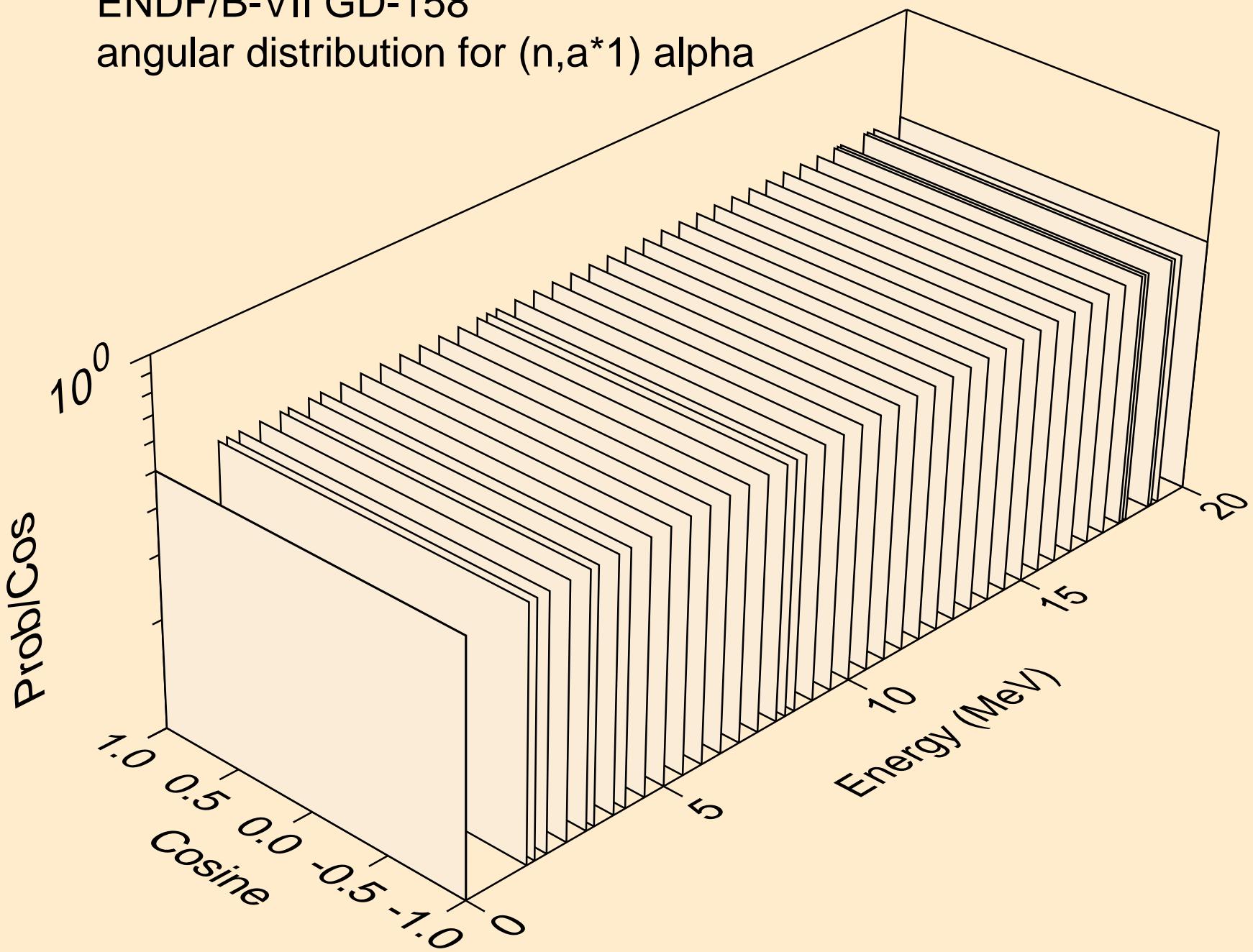
ENDF/B-VII GD-158
alphas from $(n,2n)\alpha$



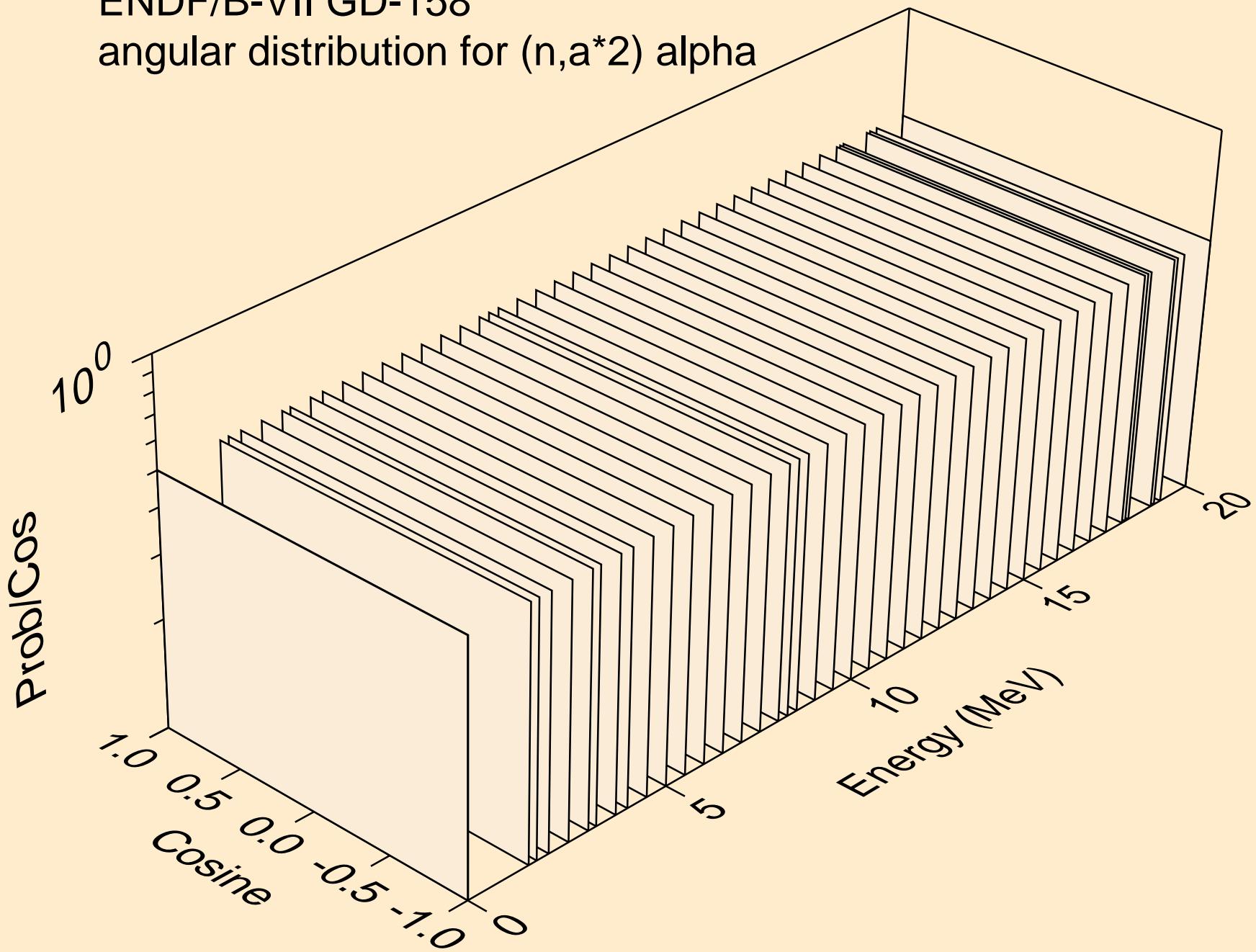
ENDF/B-VII GD-158
angular distribution for (n,a^*0) alpha



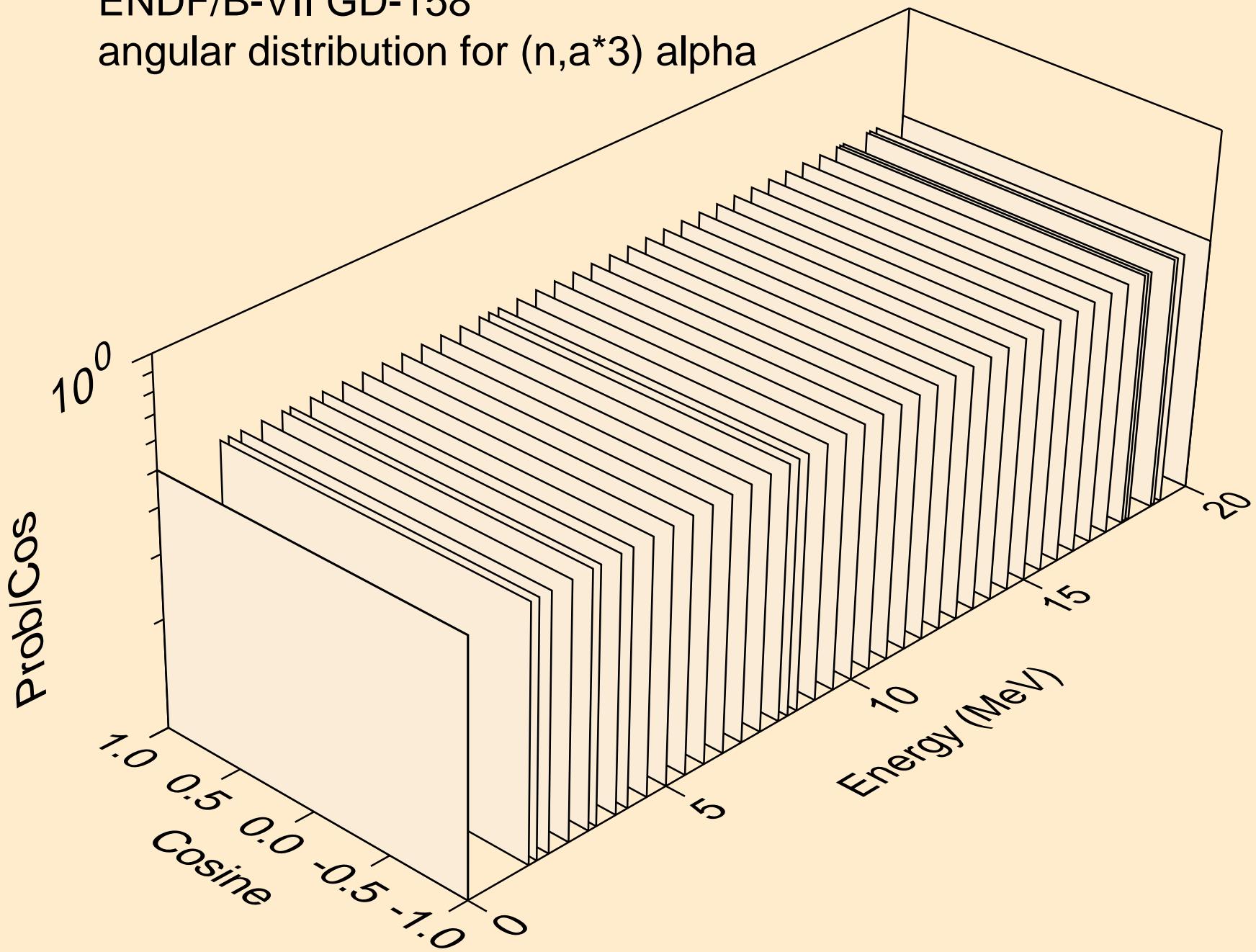
ENDF/B-VII GD-158
angular distribution for (n,a*1) alpha



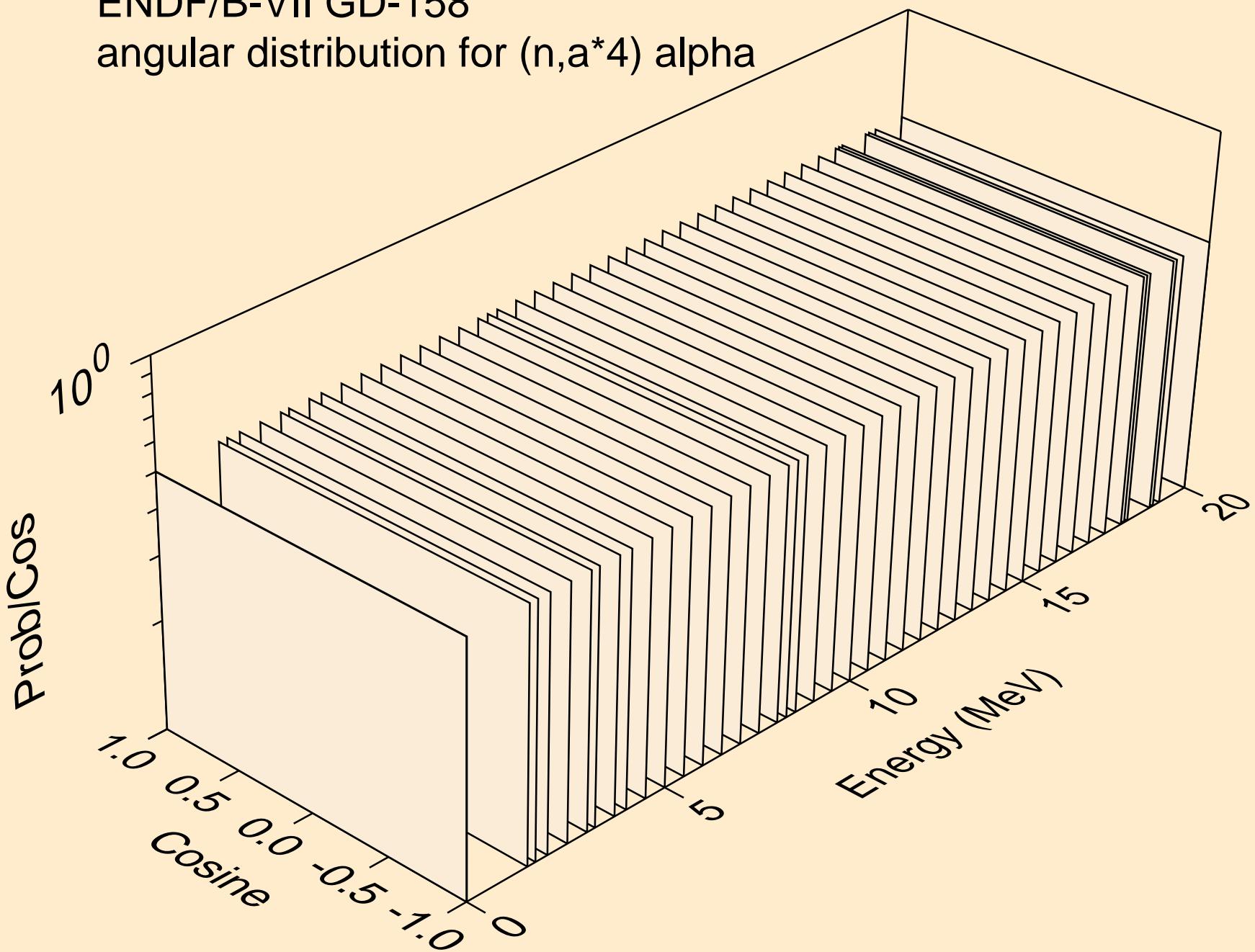
ENDF/B-VII GD-158
angular distribution for (n,a^*) alpha



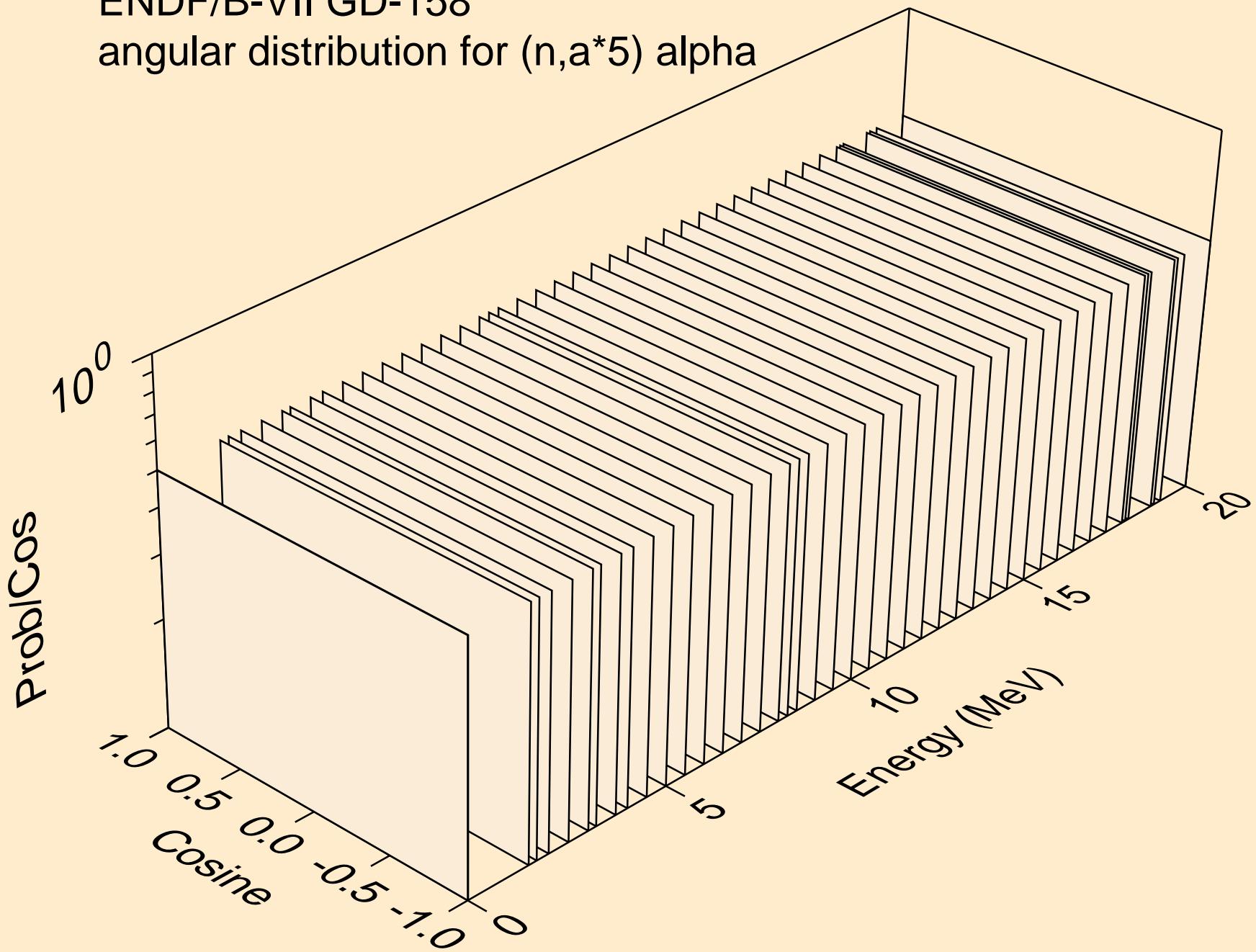
ENDF/B-VII GD-158
angular distribution for (n,a^*3) alpha



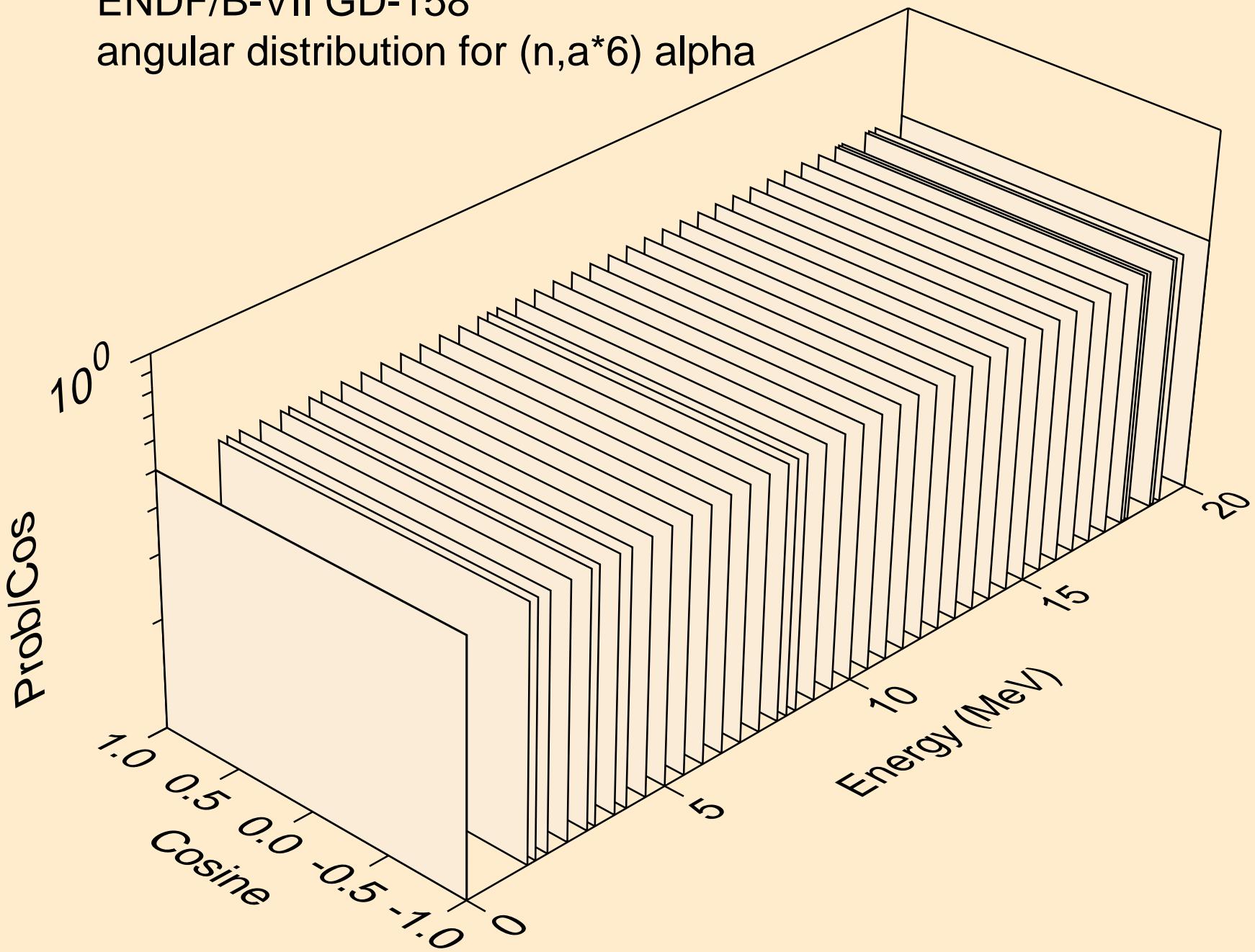
ENDF/B-VII GD-158
angular distribution for (n,a^*4) alpha



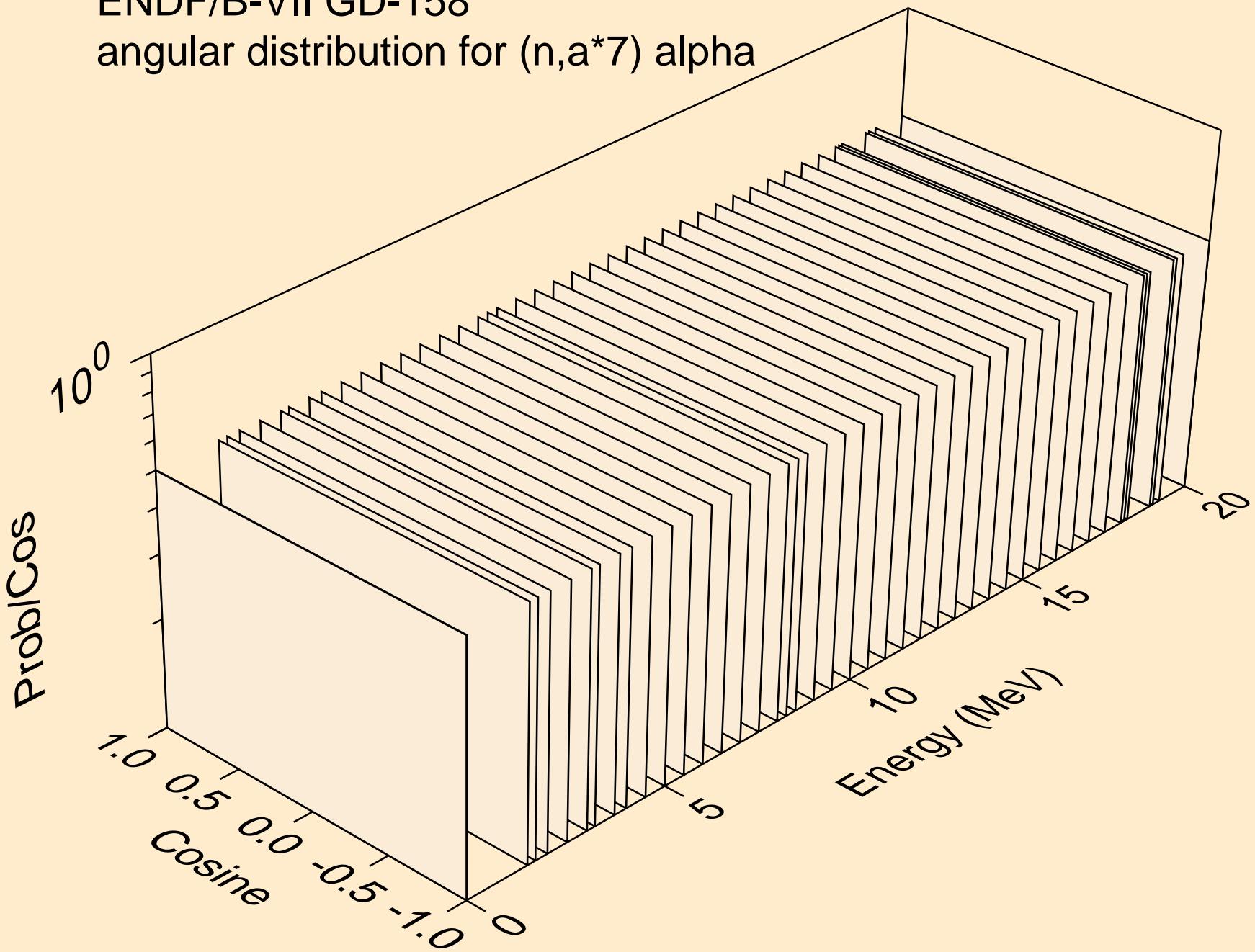
ENDF/B-VII GD-158
angular distribution for (n,a^*5) alpha



ENDF/B-VII GD-158
angular distribution for (n,a^*6) alpha



ENDF/B-VII GD-158
angular distribution for (n,a^*7) alpha



ENDF/B-VII GD-158
alphas from $(n, \alpha^* c)$

